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STOCKTON LAKE WIMMER COLLECTIONS

Analysis of prehistoric artifacts collected by Howard R. Wimmer from archeological sites in the Stockton Lake Project, Cedar and Dade Counties, Missouri Contract No. DACW41-92-C-0072



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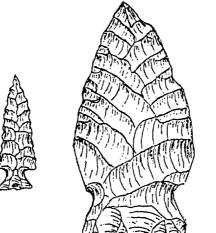


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USGS Quadrangle - Bona, Mo. 7.5' 1981
Crisp, Mo, 7.5' 1981
Stockton, Mo, 7.5' 1981
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HPP Study Unit - Osage Prairie
Timothy C. Klinger, Principal Investigator

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ABSTRACT

Artifacts collected at Stockton Lake sites in Cedar, Dade and Polk counties by Mr. Howard R. Wimmer of St. Louis were analyzed for evidence of use-wear and classified according to typologies commonly accepted for the Stockton area. Those artifacts that were classifiable or that exhibited use-wear are described and many of them are illustrated.

This work complements concurrent investigations at Stockton Lake including assessments of prehistoric archeological sites 23DA407 and 23DA408. An intensive survey of 1,372.4 acres on Government lands around Stockton Lake also resulted in the investigation of 90 sites and 24 isolated prehistoric artifacts. Current issues for the Osage Prairie Study Unit are addressed using the combined HPA and Wimmer collections.

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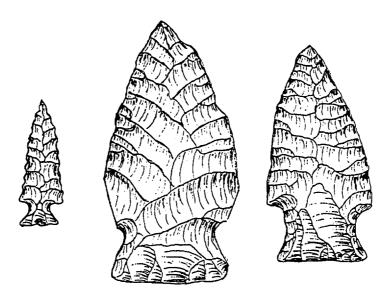
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DISCLAIMER

The study performed herein by the Contractor for the Corps of Engineers is authorized by the National Historic Preservation Act of 1966, as amended. Accomplishment of this work provides documentation evidencing compliance with Executive Order 11593 (Protection and Enhancement of the Cultural Environment, dated 13 May 1971) and Section 110 of the National Historic Preservation Act.

Funds for this investigation and report were provided by the U. S. Army Corps of Engineers. The Corps contracted with Historic Preservation Associates for this Downstream Stockton Study and may not necessarily agree with the contents of this report in its entirety. The report reflects the professional views of the Contractor who is responsible for collection of the data, analysis, conclusions and recommendations.

The Contractor designated a study team to make the investigation and the study team has drawn conclusions regarding the effects of power generation on the Sac River downstream of Stockton Dam. Since the U. S. Army Corps of Engineers does not wish to interfere with the professional independence of the study team, those conclusions remain in the study. However, it should be noted that the U. S. Army Corps of Engineers does not necessarily agree with the conclusions of the study team regarding the effects of power generation.



STOCKTON LAKE WIMMER COLLECTIONS

Analysis of prehistoric artifacts collected by Howard R. Wimmer from archeological sites in the Stockton Lake Project, Cedar and Dade Counties, Missouri Contract No. DACW41-92-C-0072

submitted to the Kansas City District, Corps of Engineers by Timothy C. Klinger, Don R. Dickson, Steven M. Imhoff and James E. Price Historic Preservation Associates Reports 93-13

INTRODUCTION

To fulfill its obligations under the National Historic Preservation Act of 1966 (PL89-665), the National Environmental Policy Act of 1969 (PL91-190), Executive Order 11593, the Archeological and Historic Preservation Act of 1974 (PL93-291), the Archaeological Resources Protection Act of 1979 (PL96-95) and the Procedures for the Protection of Historic and Cultural Properties (36CFR800), the Kansas City District of the U. S. Army Corps of Engineers (COE) requested an analysis and documentation of artifacts collected from prehistoric sites by Howard R. Wimmer, an amatur archeologist living in St. Louis. Contract DACW41-92-C-0072 was awarded to Historic Preservation Associates (HPA) for analysis of the Wimmer collections along with other survey and assessment work. Results of that effort are included in a separate report (Klinger et al. 1993).

This and a companion report (Klinger et al. 1993) follow the guidelines and standards of fieldwork and reports contained in the Guidelines for Reporting Phase II Testing of Archaeological Site Significance and Evaluation of National Register Eligibility (Weichman 1987), Guidelines for Contract Cultural Resource Survey Reports & Professional Qualifications (Weichman 1987), the Master Plan for Archaeological Resource Protection in Missouri (Weston and Weichman 1987), McGimsey and Davis (1977:64-77) and Bense et al. (1986:52-62).

The project sponsor was the Kansas City District of the U. S. Army Corps of Engineers. The Project Manager was Ms. Camille Lechliter who was assisted by Mr. Berkely Bailey of the Kansas City office. Mr. Ken Lucius of the Stockton Lake office served as liaison between HPA and the Kansas City District. Mr. Timothy C. Klinger, Director of HPA, was the Principal Investigator. Mr. Don R. Dickson, Mr. Steven M. Imhoff and Dr. James E. Price conducted the analysis of all artifacts collected from various sites by Mr. Howard R. Wimmer.

ENVIRONMENTAL SETTING

Because archeologists study the physical remains of past cultures, it is often easy for us to focus on artifacts as an end in themselves. This is particularly true when they are unusually beautiful or well preserved, and is a natural outgrowth of the fact that artifacts comprise our basic data and must be dealt with before we can proceed with other studies. The real issues before us are not the cultural remains per se but the behaviors that produced them. These behaviors comprise the means by which people adapt to the physical and cultural environments in which they find themselves (Rappaport 1969:185). While other animals adapt to their surrounding environment through genetic mechanisms, people do so through genetic adaptation and by developing technological and behavioral strategies. These strategies and their accompanying technologies are closely related enough that, through the study of the physical remains, we can gain at least a partial understanding of past behavioral systems. Our discussion focuses on the local environment as it exists today. While there are certainly pitfalls inherent in this approach, the Holocene environment has largely remained as we know it with some notable exceptions.

The Sac River lies roughly at the boundary between the Ozark Highlands and the Osage Plains (Figure 3). The Ozarks are an elongated dome that encompass most of the southern half of Missouri. Major physiographic regions of the southwestern Ozarks include the Salem Plateau and the Springfield Plateau. The Salem Plateau is a maturely dissected upland surface composed of Cambrian and Ordovician rocks that has been substantially destroyed by streams that have cut valleys hundreds of feet deep (Vineyard 1967:13). The Springfield Plateau is underlain by Mississippian age rocks and rises slightly above the Salem Plateau. It slopes downward to the northwest and is an area of low relief where little of the old surface remains (Vineyard 1967:14). The Osage Plains

are underlain by Pennsylvanian age sedimentary rocks and are characterized by low rolling relief (Vineyard 1967:14; Allgood and Persinger 1979; Anderson 1979; Haynes 1976).

Local geology is highly complex. Formations in and around the project area include the Ordovician age, Canadian Series Jefferson City Dolomite, the Mississippian age Osagean, Kinderhookian and Meramecian series and the Pennsylvanian age Atokan series. The Osagean Series includes the Burlington limestone and the Elsey, Reeds Spring and Pierson formations. The Kinderhookian Series includes the Northview, Compton and Bachelor formations. The Meramecian Series includes the St. Louis limestone and the Salem and Warsaw formations.

Floodplains in the area are now submerged beneath Stockton Lake but preinundation topographic maps show them to be broad, level and well circumscribed by steep walls of dissected uplands that are 15 m to 50 m higher than the floodplain. Although generally level, the valley is characterized by gently rolling floodplain topography.

The Sac River originates in Greene County just west of Springfield, Missouri. It flows generally northward until reaching the Osage River. Named tributaries in the project area include, from south to north, Sons Creek, Mutton Creek, Hawker Branch, the Little Sac River, Cothwell Branch, and Edge Branch. Named tributaries of the Little Sac include Big Branch and Maze Creek.

Both upland and lowland soils are included in the project area. The upland soils are shallow, rapidly drained and usually stony. The lowland soils are less well drained silty and clayey alluvium that contain little stone. Neither Cedar nor Dade counties have been mapped according to current soil classification schemes, although mapping is in progress in Dade County and preliminary mapping was available for a few of the survey areas (Harwood 1992). The most recent published soil mapping for Cedar County (Watson and Williams 1911) is outdated and not useful for our purposes.

The Sac River lies roughly at the boundary between the Eastern deciduous forest and the western prairie. Shelford (1963:306) notes that:

In dry regions there is commonly a gradual transition at these contacts, with mixing of grass and woody plants. In moist regions, however, an abrupt change occurs from grassland to forest, and the assemblage of plants and animals is largely different from that of either grassland or forest. These forest-edge communities are in a state of constant fluctuation back and forth with changes in climate.

Topography east of the Sac is more dissected than to the west and the dominant vegetation is Oak-hickory forest. Major plants include white oak (Quercus alba), black oak (Q. velutina), post oak (Q. stellata), black jack oak (Q. marilandica), scarlet oak (Q. coccinea) and mockernut hickory (Carya tomentosa) with a lowbush blueberry (Vaccinium vacillans) understory predominating on acid soils and sugar maple (Acer saccharum), blue ash (Fraxinus quadrangulata), chinquapin oak (Quercus prinoides var.

acuminata), walnut (Juglans nigra), papaw (Asimina triloba), linden (Tilia americana), deciduous holly (Ilex decidua), southern buckthorn (Bumelia lyciodes) and other species on soils derived from limestone. Pignut (Carya cordiformis) and shellbark (C. laciniosa) hickories are intermixed with the oaks on deep soils (Sauer 1920:52-60; Shelford 1963:59; Steyermark 1963:xix-xx). Major animal species include turkey (Meleagris gallopavo), whitetail deer (Odocoileus virginianus), wolf, bobcat (Lynx rufus), bear (Euarctos americanus?), gray squirrel (Sciurus carolinensis), fox squirrel (S. niger), raccoon (Procyon lotor), opossum (Didelphis marsupialis), gray fox (Urocyon cinereo argenteus) and ruffed grouse (Bonasa umbellus). Snakes include the copperhead (Agkistrodon contortrix), the rough green snake (Opheodrys aestivus), the rat snake (Elaphe flavirufa), the coachwhip (Masticophis flagellum), the speckled kingsnake (Lampropeltis getulus), the cottonmouth moccasin (Agkistrodon piscivorus), coral snakes (Micrurus fulvius) and timber rattlesnakes (Crotalus horridus) (Shelford 1963:59-60).

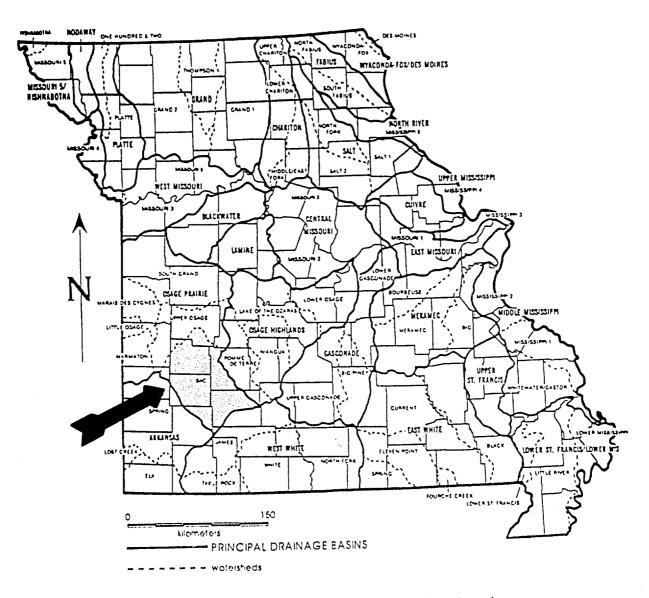


Figure 1. Missouri watersheds and general project location.

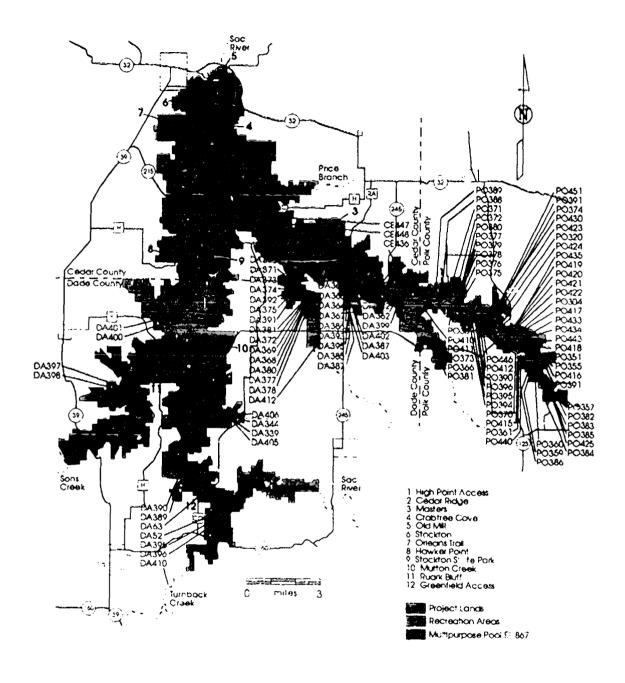


Figure 2 General location of the Wimmer sites.

Dominant vegetation west of the Sac is tall grass prairie on the level areas with stream-skirting forest in the drainages (Shelford 1963:330; Steyermark 1963:xviii-xxiv; Watson and Williams 1911:6-7). Dominant species include June grass (Koeleria cristata), blue grama (Bouteloua gracilis), side-oats grama (B. curtipendula), hairy grama (B. hirsuta), needle-and-thread (Stipa comata), green needlegrass (S. viridula), sheep fescue (Festuca ovina brachyphilla), little bluestem (Andropogon scoparius), buffalo grass (Buchloe dactyloides) and the animals bison (Bison bison), pronghorn (Antilocapra americana), badger (Taxidea taxus), jack rabbit (Lepus sp.). The cottontail (Sylvilagus sp.), wapiti (Cervus canadensis) and whitetail deer are secondary influents in areas having substantial stream-skirting forests.

Climate of Cedar and Dade counties is midcontinental with a yearly range in temperature extremes of 100°+ F (37° C) in the summer to -25° F (-4° C) in the winter (Howard 1987:78; Watson and Williams 1911:9). The average annual temperature is about 56° F (13° C) with 38 to 40 inches of precipitation, including 14 to 18 inches of snow. Rainfall is abundant, particularly during the spring and summer months. January is, on average, the coldest and driest month of the year but also receives about one third of the annual snowfall. June is wettest with an average of nearly five inches of rain, while July is the hottest month. The last spring frost usually occurs in mid to late April but may occur as late as early May. The first Fall frost normally occurs in mid to late October.

CULTURAL ENVIRONMENT

The prehistory of Missouri has been divided into the Early Man, Paleo-Indian, Archaic, Woodland and Mississippi periods (Table 1) (Chapman 1975, 1980; Wright 1987) and generally follows long established cultural divisions for the eastern United States. The Archaic, Woodland and Mississippi periods have been divided into early, middle and late periods as well. This discussion is not intended to be exhaustive but only to provide a framework for the results of this work.

Early Man Period (pre-12,000 BC). Early Man is a speculative period that refers to stone age people having technology similar to Old World Paleolithic cultures. Percussion flaked crude bifaces, cobble tools and slightly modified flake tools were allegedly used by pre-Clovis peoples in the Americas (Chapman 1975:31-59; Wright 1987:C-1-1 - C-1-3). The well-made projectile points associated with Clovis and later cultures supposedly were not made by these peoples. The alleged Lively Complex of Alabama (Josselyn 1965) and Byran's (1965) pre-projectile point periods are examples of Early man manifestations. There is little agreement regarding the age or even existence of Early Man sites in North America (Meltzer 1989: 471:490). Those who accept that people were present in North America have estimated their arrival at anywhere between 100,000 and 12,500 years ago. Most estimates are in the 25,000 to 40,000 year range based on the timing of glaciation episodes and the exposure of a land bridge across the

Bering Strait. Population densities would have been very low and the archeological record concomitantly scanty. No Early Man sites have been proposed for the Osage Prairie Study Unit.

Table 1. Prehistoric sequence for the Western Prairie Region of Missouri.
(after Chapman 1975:230, 1980:264)

Cultural Period	Date Range	Comments
Late Mississippi	AD 1450 - AD 1700	Upper Osage
Middle Mississippi	AD 1200 - AD 1450	area used only by intermittent hunting and trading expeditions
Early Mississippi	AD 900 - AD 1200	Stockton complex; Steed-Kisker phase hunting parties
		(Dryocopus and Flycatcher sites, Forager Tradition?)
Late Woodland	AD 400 - AD 900	Boliver appregate; Fristoe Burial aggregate; temporary campsites and burial
		mounds; Pomona Phase? Lindley Phase? Maramec Spring Phase?
Middle Woodland	500 BC - AD 400	temporary campsites of Hopewellian Interaction Sphere; Cooper complex;
		Forager Tradition may continue
Early Woodland	1000 BC - 500 BC	Forager Tradition continues in Stockton area
Late Archaic	3000 BC - 1000 BC	possible Forager component in Harrison shelter based on Table Rock Stemmed
		and Afton Corner Notched points and in Cat Hollow shelter based on Smith
		Basal Notched and Table Rock Stemmed; Munkers Creek phase and John
		Redmond Reservoir manifestation Kansas
Middie Archaic	5000 BC - 3000 BC	surface collections and tools probably from the Middle Archaic in proper
		sequence in Brounlee and Woody shelters
Early Archaic	7500 BC - 5000 BC	substantial Early Archaic component found at the Montgomery site (23CE261).
Dalton	8500 BC - 7000 BC	possible use of shelter at 23BE108; deeply buried Dalton component found at
		Montgomery
Paleo-Indian	12,000 - 80°0 BC	only a few Clovis Fluted and Folsom Fluted
Early Man	Pre-12,000 BC	no data

Paleo-Indian Period (12,000 - 8000 BC). Cultures of this period are generally characterized as nomadic hunting and gathering bands that subsisted primarily by exploiting Late Pleistocene megafauna (Chapman 1975:60-94; Wright 1987:C-2-1 - C-2-3). These Big Game Hunters, as they are known, undoubtedly exploited a wide range of other floral and faunal resources with a broader technology than is commonly preserved at sites of this age. We would expect then to have employed a range of bone and wooden tools along with the stone tools that are normally the only surviving evidence. The hallmark of Paleo-Indian culture is the fluted projectile point, many of which have been recovered but few in good context. Fluted points have been found in the Osage Prairie Study Unit but no Paleo-Indian sites have been recorded. Although the Paleo-Indian Period is the first well-documented human occupation of North America, we know little of these peoples beyond their lithic technology.

Dalton Period (8500 - 7500 BC). The Dalton Period (Chapman 1975: 95-126; Wright 1987:C-3-1 - C-3-4) is the first wide-spread cultural manifestation and sites yielding Dalton Period artifacts are far more common than the preceding Paleo-Indian. It is generally regarded as transitional between the Paleo-Indian and Archaic periods, although some consider it to be terminal Paleo-Indian. Chapman notes that the Dalton Period marks the transition from free-wandering big game hunting to hunting and foraging, probably as a result of changing climatic conditions that brought about the extinction of the Pleistocene megafauna and an end to the lifeway that depended upon them. The hallmark of the Dalton Period is the Dalton projectile point or knife. Other tools appeared along with artifacts useful in hunting. Tools for working wood - adzes, spokeshaves and steep-edged scraping and cutting tools - suggest the manufacture of

wooden implements possibly useful in procuring small game or other non-game resources. Faunal remains recovered from the Dalton levels at Graham Cave (23MT2) indicate a dependence on cottontail rabbit, raccoon, squirrei and whitetail deer (Logan 1952:63). The addition of milling and pulverizing tools indicates that vegetal resources such as nuts and seeds were becoming more important. In addition, bone awls and needles have been recovered from dry caves, giving some insight into the non-lithic technology employed by these peoples. Dalton activities at a depth of 3.3 m below surface have been documented at the Montgomery site (23CE261) located on the Sac River a short distance from Stockton Dam. It was recorded by Roper (1977) in 1976, later tested by Collins et al. (1983) and is now listed in the National Register of Historic Places.

Early Archaic Period (7500 - 5000 BC). The Early Archaic Period (Chapman 1975:127-157; Wright 1987:C-4-1 - C-1-5) marked an increased shift toward foraging and the exploitation of aquatic resources with weirs, traps, nets and spears. The chipped stone tool technology no longer included fluting and new forms emerged. These included lanceolate points with concave bases and heavily ground edges (Dalton Serrated and Rice Lobed) and large poin's with straight or contracting stems (Eden, Scottsbluff, Hidden Valley). Other chipped tools included snubbed-end flake scrapers, round scrapers and scrapers made of broken projectile points. Projectile points were also reworked into drills. Milling and pulverizing tools, useful for processing plant resources continued to be used. Chapman (1975:130) notes that Early Archaic sites are virtually unknown in the area and none are associated with extinct megafauna. The Montgomery site (23CE261; Collins et al. 1983) yielded numerous Early Archaic point types including Graham Cave, Cache River, Scottsbiuff, Holland, Plainview, Agate Basin, Angostura, Hardin, Hardaway Side-Notched, Rice Lobed, Big Sandy, Golondrina, Wheeler, and a variety of other points that exhibited similar forms but could not be classified with confidence. Other materials included flake tools, cores, hammerstones, drilled stones, drills and miscellaneous lithic debris. A radiocarbon date of 7850 BC was obtained from a small tree trunk or branch embedded in the cutbank, but not in direct association with any cultural remains.

Middle Archaic Period (5000 - 3000 BC). During the Middle Archaic Period (Chapman 1975:158-183; Wright 1987:C-5-1 - C-5-4), the climate of North America was markedly diver. Human adaptation to these conditions, which fostered the expansion of prairie environments, included increased reliance on a variety of small game animals and collecting vegetal foods but apparently did not result in fundamental shifts in settlement and subsistence activities. Side-notched projectile points (Black Sand, Big Sandy, White River Archaic) became common and new tools were introduced, including the full-grooved ground stone axe, the celt (an ungrooved ground stone axe), a variety of twined fabrics and cordage, bone and shell ornaments and bone and antler tools. Other artifacts include corner-notched and contracting-stemmed points, scrapers, pitted cobbles and choppers. Chapman characterizes the period as one of diversity rather than specialization.

Late Archaic Period (3000 - 1000 BC). Climate during the Late Archaic Period (Chapman 1975:184-224; Wright 1987:C-6-1 - C-6-6) continued to be dry through about 2000 BC. Reliance continued to be placed on plant gathering over hunting. It was also during this time when some of the earliest cultivation of tropical plants occurred at Phillips Spring (Chomko and Crawford 1978; Kay et al. 1980). New tools included the Clear Fork Gouge and the Sedalia Digger. The first may have been used for pulverizing roots or the cambium layers of trees, while the second exhibits gloss from digging. Grinding and pulverizing implements, such as manos, pestles and hammerstones were common, as were large flaked knives, such as Etley Stemmed, Sedalia Lanceolate and Stone Square-Stemmed. Typical points include Nebo Hill, Smith Basal Notched, Table Rock Stemmed, Godar, Afton and contracting-stemmed types. Items associated with hunting such as flake scrapers, flake knives and dart points are less common than in previous periods.

Early Woodland Period (1000 - 500 BC). The appearance of Woodland cultures is usually marked by mound construction and the addition of pottery to the technology, however, that does not seem to have been the case in this part of Missouri (Chapman 1980:9-20; Wright 1987:C-7-1 - C-7-3). Whether this is due to the abandonment of the area during this period, tardiness in the adoption of new lifeways and technologies, or use of the area in ways that did not require pottery (such as at specialized activity sites) is not well understood. The problem that this creates, of course, is that, if defining Early Woodland sites depends on the presence of pottery in a place where the inhabitants did not use pottery, recognizing sites dating to this period becomes extremely difficult. Projectile point types are marginally useful since none are exclusively affiliated with the Early Woodland. The problem can be readily seen in the Schmits (1988:32-36) inventory of Sac River sites and the Nichols (Nichols et al. 1980:3-2 - 3-9, A-2 - A-3) inventory of Stockton Lake sites where 45 Woodland components are listed for Cedar County, none of which is Early Woodland. The consensus appears to be that peoples living in the area during this period still followed an Archaic lifeway.

Middle Woodland Period (500 BC - AD 400). The Middle Woodland Period (Chapman 1980:21-77; Wright 1987:C-8-1 - C-8-7) has been defined on the basis of traits associated with the Hopewell. These include permanent village settlements, the introduction of pottery, mound construction, the beginning of maize cultivation, trade in exotic items from distant places. Projectile points are ovate corner-notched (Mankers and Snyders) and subtriangular corner-notched (Ansell and Steuben). Ceramics are sand or grit-tempered with decorative techniques that include punch and boss, roulette, dentate stamp and cross-hatching.

Other diagnostic artifacts include clay figurines, stone platform pipes, celts, stone hoes, adzes, oval and circular scrapers and flake blades. Exotic items include copper, silver, obsidian, marine shell, shark's teeth, sheet mica, meteoric iron and bear teeth. In Missouri, there are 3 clusters of Hopewell activity: The Kansas City Center, the Big Bend Center in central Missouri, the Cooper Center in southwest Missouri. Other Middle Woodland phases include the Central Valley and Monroe phases in northeast Missouri, and the Burkett, Barnes Ridge and Ten Mile Pond phases in southeast Missouri. No

Middle Woodland phases have been defined for the Sac River Valley. Sites in the project vicinity that have yielded Middle Woodland materials include an unidentified cave in St. Clair County, Rockhouse Cave, Tatarhole Cave, Griffin Shelter, 23CE411 and 23CE417.

Late Woodland Period (AD 400 - AD 900). The Late Woodland Period (Chapman 1980:78-137; Wright 1988:C-9-1 - C-9-10) witnessed the decline of Hopewell culture and the provincialization of Woodland society. The far flung trade networks no longer functioned and ceremonialism declined. Settlements were more dispersed and areas not previously inhabited were new occupied on at least a semi-permanent basis. Subsistence systems had less emphasis on gardening and specialized resource procurement in favor of more generalized foraging. The artifact inventory was largely the same as the Middle Woodland except for the inclusion of arrow points and plain and cord marked ceramics with simple decorations such as scalloping, notching, punctating or impressing applied to the lip. Tempering agents included principally clay, grit and limestone. Sites in the project area as Egned to the Late Woodland Period include Dryocopus (23CE120), Flycatcher (23CE153), Shady Grove, 23CE123, 23CE241, 23CE406 and 23CE412.

Work conducted in the Stockton Reservoir during the 1960s resulted in the establishment of the Bolivar Burial Complex (Wood and Brock 1984). Excavations were conducted at nine mounds including Umber Point (23CE148), Sorter's Bluff (23CE150), Bowling Stone (23CE152), Sycamore Bridge (23CE154), Tunnel Bluff (23DA222), Bunker Hill (23DA225), Divine (23DA226), Paradise Tree (23DA246) and Slick Rock (23PO306). These mounds ranged in size from 5 m to 7 m in diameter, 15 cm to 91 cm in height and contained the remains of 3 to 18 individuals. Two also contained dog burials. Artifacts included limestone, grog and shell-tempered ceramics; Scallorn, Young, Fresno, Harrel and Reed arrow points; Rice Side-Notched and Cupp dart points; drills, scrapers, various flake tools, celts milling implements, bone and antler tools; Anculosa, Marginella, Oliva and periwinkle beads; mussel shell disk beads; conch shell disk beads, pendants, rings and gorgets. Vegetal remains include maize, squash, sunflower, Marshelder, Chenopodium, hickory nuts, hazelnuts, acorns, walnuts, mulberry and dogwood.

Radiocarbon dates viere AD 390 \pm 140 (Bowling Stone), AD 1000 \pm 120 (Umber Point), AD 1090 \pm 100 (Sorter's Bluff), AD 1110 \pm 75 (Divine) and AD 1465 \pm 90 (Divine). Thermoluminescence dates were AD 953 \pm 49 (Bunker Hill), AD 1085 \pm 49 (Bunker Hill), AD 1307 \pm 30 (Slick) and AD 1580 \pm 30 (Slick).

Wood and Brock (1984) placed the complex in the Late Woodland Period because the majority of the ceramics were limestone tempered. Chapman (1980:150-152) places the complex in the Early Mississippi Period on the basis of the radiocarbon dates. Open campsites dating to the period have been investigated at Dryocopus Village (23CE120), Flycatcher (23CE153) (Calabrese et al. 1968, 1969; Pangborn et al. 1971; also see Pangborn 1965, 1966) and Shady Grove (Ward 1968). These sites contained circular and oval post-in-ground structures and yielded lithic assemblages that Chapman (1980:86) feels place them in the Late Woodland or Early Mississippi periods (ca AD 1000). No ceramics were recovered. Radiocarbon dates of AD 1485 ±100 at Dryocopus Village and

AD 715 \pm 95 and AD 1390 \pm 100 at Flycatcher, however argue for a Middle Mississippi Period affiliation. It is possible that sites like Flycatcher and Dryocopus, which are roughly contemporaneous with the various burial mounds in the area, may have been occupied by peoples returning to their ancestral homeland to bury the dead.

Early Mississippi Period (AD 900 - AD 1200). The Early Mississippi Period (Chapman 1980:138-227; Wright 1988:C-10-1 - C-10-8) marked the advent of organized village life. Classic Mississippi Period cultures in the major river valleys were characterized by fortified planned civic ceremonial centers having mounds arranged around a plaza. These centers were surrounded by outlying villages, farmsteads and specialized activity loci where specific resources were exploited. Subsistence centered around the cultivation of tropical plants such as corn, beans and squash with organized exploitation of a wide variety of natural resources. Diagnostic artifacts include shelltempered ceramics and a variety of arrow points, particularly triangular forms. The Early Mississippi Period occupation in the project area does not fit the classic mold, however. The Stockton Burial complex, which is has been identified at a number of sites in the area, including Madrigal Mound, Petit Cote Cairn, King's Curtain Mound, Amity Mound, Albert Mound, Matthews Mound, Cordwood Cairn, Eureka Mound and shelters at 23DA241, 23DA300, 23DA301, 23DA302, 23DA303, the Vance site, Tater Hole Cave, Toler Cave, Buck's Cave, Gray Shelter, Harrison Shelter, Elmer Long Shelter and Gannaway Cave (Wood 1965:130; Chapman 1980:150). The mounds and cairns of the complex are located on hilltops overlooking the major stream valleys. The mounds are 6 m - 8 m in diameter, less than 1 m high and constructed with earth and rock fill. A variety of burial types were present, including cremations, extended, flexed, bundle burials and scattered bones, both burned and unburned. Associated artifacts included plain and cord marked shell-tempered ceramics, Huffaker Notched and Cahokia Notched arrow points, chert knives, conch shell beads, effigy elbow pipes, bone fishhooks, puliey type ear spools, and strip and antler bracelets. Other artifacts, also associated with other complexes, included Mississippi Triangular, Scallorn Corner Notched, Reed Side Notched and Crisp Ovate arrow points; Anculosa and Marginella shell beads, conch shell disk beads; bone awls; Rice Side Notched; Cupp Corner Notched; and large triangular or oval cutting implements. Chapman feels that the primary contributors to the complex were peoples of the Gibson Aspect and the Steed-Kisker phase, based on of pottery types found in the caves and shelters.

Middle Mississippi Period (AD 1200 - AD 1450). The Middle Mississippi Period (Chapman 1980:228-261; Wright 1988:C-10-1 - C-10-8) was largely an elaboration of trends begun in the Early Mississippi Period and represents the florescence of Mississippi culture. Population expanded, as did the territory under the control of the various civic-ceremonial centers. No sites ascribable to the Middle Mississippi Period are known in the area. This is due to an artifact assemblage that is largely identical the Early Mississippi Period and that the area appears to have been used primarily for hunting forays.

Late Mississippi and Protohistoric Period (AD 1450 - AD 1700). Chapman does not discuss the Late Mississippi Period, noting that it includes protohistoric and historic groups that were to be discussed in a future publication (Chapman 1980:138). We know from the accounts of the De Soto expedition of 1541 that Late Mississippi cultures in the Mississippi Valley were highly organized agrarian-based societies capable of fielding formidable fighting forces. When French explorers arrived, 130 years later, the area had apparently been largely depopulated and the large towns abandoned, possibly the result of introduced epidemic diseases to which the native peoples had no immunity (Morse and Morse 1983:305-315).

Historic Period (AD 1541 - present). Immigrants from Kentucky, Tennessee, Virginia, Illinois, Indiana and Ohio were among the first to settle the Missouri Highlands during the 1820s - 1840s (Goodspeed 1889; Rafferty 1982). By the late 19th century these frontier settlers began a transformation from subsistence farming to more diversified crop and fruit production (Abbott and Hoff 1971). The economy of the area continued to improve from the turn of the century through World War II. Buildings and roads were built throughout the area to support the boom in the farming, mining, oil and tourist industries (Abbott and Hoff 1971:96). Dairy farming was soon transformed to feeder cattle production and forests of the region were cut for timber and cleared for pastures (Girard and Freeman 1992:33).

PREVIOUS INVESTIGATIONS IN THE PROJECT VICINITY

The earliest known professional investigations in the immediate vicinity occurred in the early 1960s before the construction of Stockton Dam. An initial survey was conducted by the University of Missouri (UMAAD) and resulted in the recording of 40 sites (Chapman et al. 1962, 1963). Excavations were conducted at three mound sites and three shelters. Subsequent excavations continued until 1967 (Calabrese et al. 1969; Wood 1965, 1966) that clarified the local cultural sequence and defined the Bolivar Burial Complex (Wood and Brock 1984). Work at three floodplain sites - Dryocopus Village, Flycatcher (Calabrese et al. 1968, 1969; Pangborn et al. 1971) and Shady Grove (Ward 1968) - in the area produced information on the nature of non-mound sites spanning the transition from Woodland to Mississippian culture.

After a hiatus in archeological work of about ten years, the Kansas City District awarded a contract to the University of Missouri for the survey of COE-controlled lands along the Sac River downstream from the Stockton Dam (Roper 1977; also see Roper at al. 1977; Wood et al. 1965, 1977; Wood and Pangborn 1968a, 1968b, 1968c). This survey encompassed 9 km², equal to about 45% of the Sac River Valley, between the Stockton Dam and Caplinger Mills. Forty of the 44 sites visited were newly recorded. Cultural components identified included Dalton (1), Middle Archaic (6), Late Archaic (8), Early (?) Woodland (7) and Middle/Late Woodland (9). It is worth pointing out that since none of the sites yielded pottery, some of the Woodland sites that yielded arrow points could be either Woodland or Mississippi in affiliation. Roper (1977:97-99) concluded that

the Sac River Valley has been more or less continuously occupied since Dalton times but has been used differently by different cultures. Middle Archaic peoples established base settlements on the floodplain with small specialized activity sites located next to the river. Late Archaic peoples established two kinds of limited activity sites including those near the river and those at the base of the valley wall. Woodland peoples early on established both base camps and limited activity sites but later did not establish permanent occupations. Limited test excavations were also conducted at Montgomery (23CE261) which exhibited a deeply buried Dalton occupation.

Test excavations at 23CE235, 23CE252 and 23CE324 were conducted by the Center for Archaeological Research (CAR), Southwest Missouri State University in 1981 (Pertula and Purrington 1983). CAR had planned to conduct excavations at 23CE240, 23CE241 and 23CE242 as well but landowner permission could not be secured for work at these sites. 23CE252 proved to be a single component Woodland Period site that exhibited good integrity but was limited to the upper 15 cm - 20 cm. 23CE235 was found to be a Woodland Period limited activity site restricted to the plowzone and exhibited substantial evidence of damage from erosion. 23CE324 was found to be a probable hunting camp occupied during the Woodland Period that exhibited shallow deposits.

Work at Montgomery (23CE261) was undertaken in 1976 (Collins et al. 1983). Previous limited testing had indicated that deeply buried in situ deposits were present at the site but, since no culturally diagnostic artifacts were recovered, possible cultural components present could only be guessed at, based on the site's vertical location. Abundant evidence of Dalton and Early Archaic activities at the site was recovered, as well as a single Middle Archaic Big Sandy point that was recovered from the river but thought to be from the site. The major occupation occurred at a depth of 2.4 m and exhibited discrete horizontal clustering that indicated that activity areas have been preserved at the site.

In late 1984 and early 1985, American Resources Group (ARG) conducted a survey of COE slough easements downstream from the Stockton Dam (Moffat and Houston 1986). Approximately 400 acres were surveyed and 27 sites and 4 isolated artifacts were located. Test excavations were conducted at 12 of these sites as well as 3 previously recorded sites added by the Kansas City District. Sites tested included 23CE14, 23CE255, 23CE256, 23CE401, 23CE403, 23CE405, 23CE406, 23CE408, 23CE410, 23CE412, 23CE417, 23CE418, 23CE419, 23CE420 and 23CE421. Cultural components identified included Early or Middle Archaic (1), Late Archaic (8), Middle Woodland (2), Late Woodland (5), indeterminate Woodland (14), indeterminate Mississippi (1), indeterminate prehistoric (5) and a historic mill (1). Nine sites were found to be eligible for inclusion in the National Register including 23CE14, 23CE255, 23CE401, 23CE406, 23CE408, 23CE410, 23CE417, 23CE419 and 23CE420.

In 1986 the Kansas City District issued a contract to Environmental Systems Analysis (ESA) for the survey of an additional 148 acres of slough easements and assessment of 18 prehistoric sites, 14 of which were previously recorded (23CE52, 23CE226, 23CE227, 23CE229, 23CE230, 23CE238, 23CE239, 23CE242, 23CE245, 23CE253, 23CE258, 23CE262, 23CE263 and 23CE409) and 4 newly recorded sites (23CE423, 23CE425, 23CE426 and 23CE427). Cultural components identified included Dalton (1), Middle Archaic (6), Late Archaic (9), Late Woodland (11), indeterminate Woodland (2), indeterminate prehistoric (2) and historic (1). A historic bridge (23CE424) was not assessed. Six sites (23CE226, 23CE229, 23CE238, 23CE409, 23CE426 and 23CE427) were determined to be eligible for inclusion in the National Register and an additional 6 (23CE52, 23CE227, 23CE230, 23CE253, 23CE258 and 23CE425) were found to be potentially eligible.

In 1987 the ESA contract was modified to provide for the survey of 22 additional Corps easements beginning at Caplinger Mills and continuing downstream nearly to the confluence of the Sac and Osage rivers. This work was conducted in 1988. Previously recorded sites that were revisited included 23CE46C and 23SR291. Newly recorded sites included 23CE437, 23CE438, 23CE439, 23CE440, 23CE441, 23CE442, 23CE443, 23CE446, 23SR1059, 23SR1060, 23SR1067 and an unidentified newly recorded site found in Tract 2603E. One previously recorded site (23SR1049) was thought to be located in Tract 2604E and could not be relocated. Little is known of these sites since no report was required.

Most recently, in 1990 and 1991 Historic Preservation Associates (Klinger et al. 1992) conducted test excavations at 23CE46C, 23CE439, 23CE440, 23CE444, 23CE446, 23SR291 and 23SR1067 in Cedar and St. Clair counties. These sites were all located along the Sac River downstream from the Stockton Dam and were subject to bank slumping. 23CE46C yielded evidence of Late Archaic, Late Woodland and Early Mississippi occupations focusing on seasonal exploitation of river resources. 23CE439 yielded evidence of Middle and Late Woodland occupations probably as a seasonal hunting and fishing camp. 23CE442 was occupied during the Middle or Late Woodland period and may represent a single component site. It also produced the only ceramics found during the project. 23CE444 yielded evidence of a Late Woodland occupation. A single Dalton point, recovered from the River, suggested an early occupation as well but no evidence of a Dalton component was recovered. 23CE446 yielded scant evidence of an Early Archaic and possibly Dalton occupations in the form of a Dalton Serrated point (again, recovered from the Sac River) and a Beaver Lake-like point but failed to produce sufficient evidence to assign definite cultural affiliations. 23SR291 produced evidence of badly mixed and probably redeposited prehistoric and historic materials possibly associated with Rockhouse Cave (23SR21), which is located immediately to the north. 23SR1067 yielded evidence of Late Archaic and Early Woodland occupations. It also produced evidence of a well-defined buried component. Three of the sites (23CE46C, 23CE442 and 23SR1067) were determined to contain sufficient data potential to make them eligible for inclusion in the National Register of Historic Places.

Additional HPA investigations (Klinger et al. 1993) were conducted in a complementary effort to the Wimmer analysis. This work included assessments of prehistoric archeological sites 23DA407 and 23DA408. An intensive survey of 1,372.4 acres on Government lands around Stockton Lake resulted in the investigation of 90 cultural properties and 24 isolated prehistoric artifacts. These include 64 prehistoric, 20 Historic and 6 sites that exhibited both prehistoric and historic occupations. Thirty-eight of these sites yielded evidence that they may be eligible for inclusion in the National Register of Historic Places and Phase II testing and assessment has been recommended for them. Seven additional sites are located outside our designated survey areas. Five of these are prehistoric, one is historic and one is both prehistoric and historic. All but one were previously recorded. Archaeological Survey of Missouri site forms were prepared for these but they are not discussed in detail in this report.

Thirty-one sites and eight isolated artifacts are located in Cedar County. Twenty of the sites are prehistoric (seven previously recorded), nine are historic (four previously recorded) and two are both prehistoric and historic (none previously recorded). Fifty-nine sites and 16 isolated artifacts are located in Dade County. Forty-four are prehistoric (17 previously recorded), 11 are historic (three previously recorded) and four are both prehistoric and historic (2 previously recorded). (see Klinger et al. 1993 for a complete discussion of this work effort).

LABORATORY METHODS

HPA work in connection with the Wimmer collections was limited exclusively to the analysis of the collections. With the exception of other field work in the general area in 1992, HPA has conducted no field work at the Wimmer sites. Ceramics were sorted according to their morphological characteristics and identified according to established types for the Western Prairie Region (Chapman 1980). Tempering agents were identified as were surface treatments and other attributes.

As anticipated, most of the prehistoric artifacts were lithic specimens. Bifacial tools and other diagnostic artifacts were individually described and assigned, if possible, to established types depicted by Bell (1958; 1960), Bell and Hall (1953), Dickson (1968), Marshall (1958), Skully (1951), Schm and Krieger (1954), Wheeler (1954) and Perino (1968; 1971). Probable cultural affiliation was determined by comparing the diagnostic Wimmer artifacts to specimens recovered from deeply stratified regional sites with clear stratigraphy. All the remaining lithic artifacts were analyzed in light of a lithic reduction sequence including flakes of primary and secondary decortication, retouch and thinning flakes and various waste categories (see Sullivan and Rozen 1985; Amick and Mauldin 1989; Rozen and Sullivan 1989a, 1989b; Ensor and Roemer 1989).

An attempt was made to identify raw material types represented in the collections including possible exotics. Assessments of post-procurement heat treating were also made by comparing the color and texture with experimentally heat treated specimens. Heat treatment made many chert types easier to knap (Gregg and Grybush 1976:189).

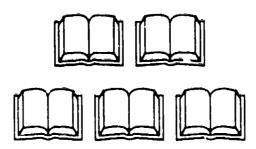
Microscopic study performed for the Wimmer study was done with an AO stereo microscope with a range of amplification from 7X to 40X. The instrument was on a universal mount with light provided by a Reichert variable microscopic light placed at a 40° angle about 3 in (7.6 cm) from each tool being studied. Freshly made stone tools were used to perform a series of activities such as skinning an animal, cutting flesh (with and without bone contact), scraping both fresh skins and dry hide, and cutting, perforating and graving bone and wood. Other tool were used to cut soft stone, grass, and fired pottery. These experimental tools were labeled and used to compare with the artifacts collected by Wimmer. Experimental studies of Ahler (1971:81-87) and his photomicrographs of tool wear (Ahler 1971:plates 13-20) were considered along with Experimentation in the Formation of Edge Damage: A New Approach to Lithic Analysis (Tringham et al. 1974:174-196). The Odell and Odell-Vereedken paper Verifying the Reliability of Lithic Use Wear Assessments by Blind Tests: The Low Power Approach (Odell and Odell-Vereedken 1980:87-120) was also consulted.

Activity	M	Material being worked		
butchering	Oesb	animals		
cutting	wood	woody plants, grass		
scraping	dry hide	pottery		
sawing	bone or antier shell			
perforating	dry or fresh skin			
graving	soft stone	bone, wood		

In order to assess the accuracy of this type of analysis, the analyst arranged to take an evaluation in which a series of labeled tools (labels were covered) were given him one at a time and, without using a comparative collection, evaluations were made regarding the hardness of the material that was worked, the type of activity (such as cutting, scraping or sawing), and, if possible, the type of substance that was worked. Over 90% of the evaluations regarding hardness (soft, medium, hard) and type of activity (cutting, scraping, sawing) were correct, while 66% of the evaluations of substance being worked were right. The average accuracy of 83.6% could have been improved by using comparative materials. Based on these experiments and studies it was possible to assess the tools recovered by Wimmer for indications of the hardness of the materials that were worked, the type of activities (such as cutting, scraping or sawing), and, in many instances, the types of substances that the tools were used on.

Bifacial and unifacial tools from the Wimmer collections were appraised at 20X for evidence of distinctive micro breakage, use rounding or polish. A study by Flenniken (1979:208-213) indicated that trampling often produced edge damage similar to that found on tools used by prehistoric people and that polish was absent on trampled specimens. Another study by Dickson (1991:38) also indicated that polish is not found on

trampled specimens. Therefore the presence of polish was an important criteria in deciding if a flaked tool had been used. Specimens that apparently featured use alteration were then carefully studied at 30X to 40X to evaluate the nature of the micro breakage, use rounding and use polish. Probable function was determined for each specimen based on a comparison with the experimental specimens.



additional documentation of Stockton Lake survey and assessment efforts can be found in Klinger at al. 1993

ANALYSIS OF THE WIMMER LITHIC COLLECTIONS

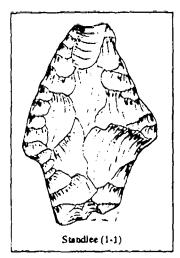
Part of the requirements of this contract entailed a detailed analysis of artifacts collected from the surface of sites at the lake by Mr. Howard R. Wimmer. These collections were turned over to the government by Wimmer and include 2,000+ items weighing over 60 kg from 100+ sites. In addition to basic information such as provenience, counts, weights, etc., we collected data on biface morphology and examined potential tools under magnification for evidence of use-wear. Bifacial tools were also assigned to established types and/or cultural periods, where possible. The artifact descriptions here, and elsewhere in this report, are a result of this analysis. Those that follow include the Wimmer artifacts that exhibit use wear and those that are assignable to a cultural period. See Appendices A and B for detailed data relating to the analysis of the Wimmer collections. Representative examples from the sites are also illustrated.

CEDAR COUNTY SITES

23CE436

23CE436 is a prehistoric habitation exhibiting evidence of a Woodland period occupation. It was recorded by Howard Wimmer in 1986 when he collected 2 artifacts weighing 19.9 g. These included 1 bifacial knife fragment (9.2 g) and 1 projectile point/knife (10.7 g).

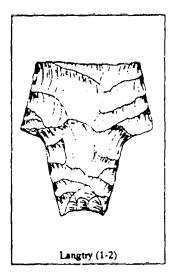
Artifact 1-1 is a projectile point/knife. It is a contracting stem corner removed specimen with a missing tip, a damaged blade, sloping shoulders and a damaged base. The tip has been carried away by an impact fracture. The cross section is biconvex with edge abrading on the stem and no beveling. Maximum dimensions are $5.3 \, \mathrm{cm} \times 3.5 \, \mathrm{cm} \times 0.6$ cm and it weighs $10.7 \, \mathrm{g}$.



The stem measures 1.8 cm x 2.5 cm and comprises about 34% of the total length of the specimen. The raw material is heat-treated Burlington chert, which is found locally. Microscopic examination revealed wear resulting from cutting meat with bone contact. This specimen is resharpened and most closely resembles the Standlee type, which is associated with the Woodland Period.

Artifact 1-2 is a bifacial knife. It is a contracting stem corner removed specimen with a missing tip, a damaged blade, sloping shoulders and a concave base. The

cross section is biconvex with edge abrading on the stem and no beveling. Maximum dimensions are 4.0 cm x 3.3 cm x 0.6 cm and it weighs 9.2 g. The stem measures 2.0 cm x 2.0 cm and comprises 50% of the total length of the specimen. The raw material is heat-treated Burlington chert, which is found locally. Microscopic examination revealed wear resulting from cutting meat without bone contact. This specimen most closely resembles the Langtry type, which is associated with the Late Archaic through Woodland periods.



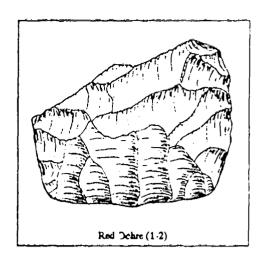
23CE447

23CE447 is a prehistoric habitation exhibiting evidence of Late Archaic and Mississippi Period occupations. It was recorded by Howard Wimmer in 1988 when he collected 2 artifacts weighing 43.4 g. These included 1 bifacial knife fragment (32.3 g) and 1 unifacial scraper end (11.1 g).



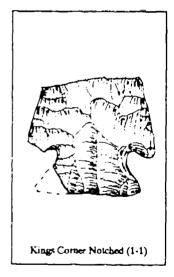
Artifact 1-1 is a unifacial end scraper. It is an unstemmed specimen with a rounded tip, an excurvate blade, no notches, no shoulders and a convex base. The cross section is plano-convex with no edge abrading and unifacial beveling. Maximum dimensions are 4.8 cm x 2.5 cm x 0.7 cm and it weighs 11.1 g. The raw material is Reeds Spring chert, which is found in southwest Missouri and northwest Arkansas into northeast Oklahoma and extreme southeast Kansas. Microscopic examination revealed wear resulting from scraping wet hide. This specimen is resharpened and is an unclassified type, which is often associated with the Mississippi Period.

Artifact 1-2 is the base of a lanceolate bifacial knife. It is an unstemmed specimen with a missing tip, a damaged blade, no notches, no shoulders and a straight base. The cross section is biconvex with no edge abrading and no be eling. Maximum dimensions are 4.4 cm x 5.3 cm x 1.2 cm and it weighs 32.3 g. The raw material is heattreated Burlington chert, which is found locally. Microscopic examination revealed wear resulting from cutting meat with bone contact. This specimen most closely resembles the Red Ochre type, which is associated with the Late Archaic Period.



23CE448

23CE448 is a prehistoric habitation exhibiting evidence of Late Archaic and Woodland Period occupations. It was visited by Howard Wimmer in 1988 when he collected 10 artifacts weighing 146.6 g. These included 3 bifacial knife fragments (18.1 g), 3 bifacial knives (25.5 g), 2 preform fragments (54.8 g), 1 aborted preform fragment (13.7 g) and 1 aborted preform (34.5 g).



Artifact 1-1 is a bifacial knife. It is an expanding stem specimen with a missing tip, a damaged blade, corner notches, barbed shoulders and a damaged base. The cross section is biconvex with no edge abrading and no beveling. Maximum dimensions are 3.3 cm x 3.4 cm x 0.5 cm and it weighs 6.2 g. The stem measures 1.0 cm long and comprises about 30% of the total length of the specimen. The raw material is heat-treated Burlington chert, which is found locally. Microscopic examination revealed wear resulting from cutting meat with bone contact. This specimen is a variant of the Kings Corner

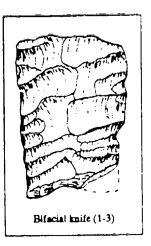
Notched type, which is associated with the Late Archaic Period, although the stem is shorter than is usual. It is also similar to some Ensor points.

Artifact 1-2 is a Lifacial knife. It is an expanding stem specimen with a pointed tip, an asymmetrical blade, corner notches, barbed shoulders and a damaged base. The cross section is biconvex with no edge abrading and no beveling. Maximum dimensions are 4.9 cm x 2.3 cm x 0.7 cm and it weighs 6.6 g. The stem measures 1.1 cm long and comprises about 22% of the total length of the specimen. The raw material is Burlington chert, which is found locally. Microscopic examination revealed wear resulting from cutting meat



with bone contact. This specimen is resharpened and most closely resembles the Ellis type, which is associated with the Late Archaic or Woodland periods.

Artifact 1-3 is a lanceolate bifacial knife. It is an unstemmed specimen with a missing tip, a lanceolate blade, no notches, no shoulders and a damaged base. The cross section is biconvex with no edge abrading and no beveling. It expands in width toward the center where it is broken. One ear is missing also. Maximum dimensions are 4.1 cm x 2.9 cm x 0.9 cm and it weighs 12.7 g. The raw material is Burlington chert, which is found locally. Microscopic examination revealed wear resulting from cutting meat without bone contact. This specimen is an unclassified type, which probably is associated with the Late Archaic Period. It may be a preferm for a Sedalia or similar biface.



Artifact 1-7 is a preform distal. It is an unstemmed specimen with a rounded tip, an excurvate blade, no notches, no shoulders and a missing base. The cross section is biconvex with edge abrading on the blade but no beveling. Maximum dimensions are 4.5 cm x 5.6 cm x 0.9 cm and it weighs 23.1 g. The raw material is heat-treated Burlington chert, which is found locally. Microscopic examination revealed no evidence of use-wear. This specimen is an unclassified type, not associated with a cultural period.

Artifacts cataloged as 1-8 include three biface midsection fragments. The stems and tips of these specimens are missing and the blades are damaged. None appear to have been notched and no edge abrading or beveling is evident. The raw material is heat-treated Burlington chert, which is found locally. Microscopic examination revealed wear resulting from cutting meat with bone contact. These specimens are unclassified not associated with a cultural period.

DADE COUNTY SITES

23DA52

23DA52 is a prehistoric habitation exhibiting evidence of Late to Terminal Archaic Late Woodland and Mississipp Period occupations. It was recorded some time in the 1950s by Leonard Gum and visited by Howard Wimmer in 1988 when he collected 4



artifacts weighing 13.5 g. These included 1 arrow point (0.5 g), 1 biface fragment (1.6 g), 1 dart point (4.9 g) and 1 bifacial side scraper fragment (6.5 g).

Artifact 1-1 is a dart point. It is an expanding stem specimen with a missing tip, a straight blade, corner notches, square shoulders and a straight base. The cross section is biconvex with edge abrading on the base and no beveling. Maximum dimensions are 3.0

cm x 2.0 cm x 0.7 cm and it weighs 4.9 g. The stem measures 0.9 cm x 1.6 cm and comprises about 30% of the total length of the specimen. The raw material is Reeds Spring chert, which is found in southwest Missouri and northwest Arkansas into northeast Oklahoma and extreme southeast Kansas. The tip has been broken away by an impact fracture. This specimen most closely resembles the Kings Corner Notched type, which is associated with the Terminal Archaic and Woodland periods.

Artifact 1-2 is a bifacial side scraper proximal. It is a parallel stem specimen with a missing tip and blade, basal notches, barbed shoulders and a convex base. The cross section is plano-convex with edge abrading on the stem and beveling on the left edge of the blade. Maximum dimensions are 2.1 cm x 4.1 cm x 0.8 cm and it weighs 6.5 g. The stem measures 1.0 cm x 1.8 cm and comprises about 48% of the total length of the specimen. The raw material is heat-treated Burlington chert, which is found locally. Microscopic examination revealed wear resulting from scraping wet hide. This is a flake slightly modified by unifacially beveling the left side of each blade and adding basal notches. This specimen is an unclassified type, which may be associated with the Late Archaic Period. The basal notching is suggestive of the Smith type.

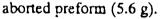
Artifact 1-3 is an arrow point. It is an expanding stem specimen with a missing tip, a straight blade, corner notches, square shoulders and a straight base. The cross section is biconvex with no edge abrading and no beveling. Maximum dimensions are $1.6~\rm cm \times 0.7~\rm cm \times 0.2~\rm cm$ and it weighs $0.5~\rm g$. The stem measures $0.4~\rm cm \times 0.7~\rm cm$ and comprises about 25% of the total length of the specimen. The raw material is heat-treated Burlington chert, which is



found locally. Microscopic examination revealed no evidence of use-wear. This specimen most closely resembles the Scallorn type, which is associated with the Late Woodland and Mississippi periods.

23DA63

23DA63 is a prehistoric habitation exhibiting evidence of Late Archaic and Mississippi Period occupations. It was recorded some time in the 1950s by Leonard Gum and visited by Howard Wimmer in 1988 when he collected 10 artifacts weighing 119.0 g. These included 1 stemmed biface fragment (9.7 g), 1 dart point fragment (5.5 g), 2 bifacial knife fragments (9.2 g), 1 bifacial knife (24.9 g), 4 preform fragments (64.1 g) and 1



Artifact 1-1 is a dart point stem. It is a contracting specimen with most of the blade missing, barbed shoulders and a straight base. The cross section is biconvex with no edge abrading and no beveling. Maximum dimensions are 3.0 cm x 3.3 cm x 0.6 cm and it weighs 5.5 g. The stem measures 2.1 cm x 2.0 cm and comprises about 70% of the total length of the specimen. The raw material is Jefferson City chert, which is found locally in the deeper valleys. Microscopic examination

revealed no evidence of use-wear. This specimen most closely resembles the Langtry type, which is associated with the Late Archaic through Woodland periods.

Artifact 1-2 is a stemmed biface fragment. It is an expanding stem specimen with a missing tip, a straight blade, side notches, no shoulders and a straight base. The cross section is biconvex with no edge abrading and no beveling. Maximum dimensions are 4.1 cm x 2.5 cm x 0.9 cm and it weighs 9.7 g. The stem measures 1.5 cm x 2.5 cm and comprises about 37% of the total length of the specimen. The raw material is heat-treated Burlington chert, which is found locally. Microscopic examination revealed no evidence of use-wear. This specimen has been resharpened until all shoulders are gone and only a slight indentation indicates notching. It was not used after the last resharpening since no polish appears on the blade edges. It most closely resembles the Rice Side Notched type, which is associated with the Late Woodland Period.



Artifact 1-4 is an bifacial knife fragment. It is an unstemmed specimen with a missing tip, an excurvate blade, no notches, no shoulders and a convex base. The cross section is lenticular with no edge abrading and beveling that carries to the center of blade on the right side of each face. Maximum dimensions are 5.2 cm x 4.1 cm x 0.9 cm and it weighs 24.9 g. The raw material is heat-treated Burlington chert, which is found locally. Microscopic examination revealed wear resulting from cutting meat without bone contact. This specimen is an unclassified type not associated with a specific cultural period.

Artifact 1-5 is a bifacial knife midsection. The stem and tip are missing and the excurvate blade exhibits no evidence of notches. The cross section is biconvex with no edge abrading and no beveling. Maximum dimensions are 3.4 cm x 2.7 cm x 0.7 cm and it weighs 7.8 g. The raw material is heat-treated Reeds Spring chert, which is generally found in southwest Missouri and northwest Arkansas into northeast Oklahoma and extreme southeast Kansas. Microscopic examination revealed wear resulting from cutting meat with bone contact. This specimen is an unclassified type not associated with a specific cultural period.

Artifact 1-6 is a bifacial knife distal. It has a damaged (probably once pointed) tip, a straight blade, no notches, no shoulders and a missing stem and base. The cross section is biconvex with no edge abrading and no beveling. Maximum dimensions are 1.9 cm x 1.4 cm x 0.5 cm and it weighs 1.4 g. The raw material is heat-treated Burlington chert, which is found locally. Microscopic examination revealed wear resulting from cutting meat without bone contact. This specimen is an unclassified type not associated with a specific cultural period.

23DA339 is a prehistoric habitation exhibiting evidence of a Middle Archaic Period occupation. It was recorded in 1984 by Prewitt and Associates investigators and visited by Howard Wimmer in 1990 when he collected 5 artifacts weighing 82.1 g. These included 1 dart point fragment (2.0 g), 1 dart point (5.0 g), 2 bifacial knife fragments (15.1 g) and 1 aborted preform (60.0 g).

Artifact 1-1 is a dart point stem. It is an expanding stem specimen with a missing blade, side notches, missing shoulders and a Concave base. The cross section is biconvex with edge abrading on the notches base and stem but no beveling. Maximum dimensions are 1.2 cm x 2.3 cm x 0.6 cm and it weighs 2.0 g. The stem measures 1.0 cm x 2.3 cm and comprises about 83% of the total length of the specimen. The raw material is Burlington chert, which is found locally. Microscopic examination revealed no evidence of use-wear. This specimen is an unclassified type which may date to the Archaic Period.

Artifact 1-2 is a bifacial knife midsection. It has an excurvate blade, no notches and no shoulders. The cross section is biconvex with no edge abrading and no beveling. Maximum dimensions are $4.2 \text{ cm} \times 3.0 \text{ cm} \times 0.8 \text{ cm}$ and it weighs 9.4 g. The raw material is heat-treated Burlington chert, which is found locally. Microscopic examination revealed wear resulting from cutting meat without bone contact. This specimen is an unclassified type not associated with a specific cultural period.

Artifact 1-3 is a bifacial knife tip. It has a broad tip, an excurvate blade and a biconvex cross section with no edge abrading and no beveling. Maximum dimensions are 2.9 cm x 2.9 cm x 0.7 cm and it weighs 5.7 g. The raw material is heat-treated Burlington chert, which is found locally. Microscopic examination revealed wear resulting from cutting meat with bone contact. This specimen is an unclassified type not associated with a specific cultural period.



Artifact 1-5 is a dart point. It is an unstemmed specimen with a pointed tip, an excurvate blade, side notches, sloping shoulders and a concave base. The cross section is biconvex with no edge abrading and bifacial beveling. Maximum dimensions are 4.0 cm x 2.2 cm x 0.7 cm and it weighs 5.0 g. The raw material is Pierson chert, which is abundant in the Branson area and may be exposed in limited areas locally. Microscopic examination revealed no evidence of use-wear. This specimen is resharpened and most closely resembles the White River type, which is associated with the Middle Archaic Period. It has been exposed to heat as evidenced by a potlid fracture on one side.

23DA344

23DA344 is a prehistoric lithic scatter of unknown affiliation. Wimmer collected 2 artifacts weighing 463.4 g. These included 1 flat abrader (443.4 g) and 1 preform fragment (20.0 g). Neither are associated with a specific cultural period.

23DA362

23DA362 is a prehistoric lithic scatter of unknown affiliation. Wimmer collected 8 artifacts weighing 61.1 g. These included 2 bifacial knife fragments (7.0 g), 1 bifacial knife (17.2 g), 4 preform fragments (32.6 g) and 1 flake scraper (4.3 g).

Artifact 1-1 is a bifacial knife. It is a corner removed parallel stem specimen with a rounded tip, an excurvate blade, sloping shoulders and a straight base. The cross section is rhomboidal with edge abrading on the stem and beveling on the right blade edge. Maximum dimensions are 6.1 cm x 3.6 cm x 0.9 cm and it weighs 17.2 g. The stem measures 2.0 cm x 2.3 cm and comprises about 33% of the total length of the specimen. The raw material is heat-treated Burlington chert, which is found locally. Microscopic examination revealed wear resulting from cutting meat with bone contact. This specimen is resharpened and most closely resembles the Stone Square Stemmed type, which is associated with the Late Archaic Period.



Artifact 1-2 is a bifacial knife. It is unstemmed with a rounded tip and a straight working edge. The cross section is plano-convex with no edge abrading and no beveling. Maximum dimensions are 2.5 cm x 2.4 cm x 0.3 cm and it weighs 1.9 g. The raw material is heat-treated Burlington chert, which is found locally. Microscopic examination revealed wear resulting from cutting meat without bone contact. This specimen is an unclassified type not associated with a specific cultural period.

Artifact 1-3 is a bifacial knife midsection. It has a straight blade and a biconvex cross section with no edge abrading and no beveling. Maximum dimensions are 2.1 cm x 3.2 cm x 0.6 cm and it weighs 5.1 g. The raw material is heat-treated Burlington chert, which is found locally. Microscopic examination revealed wear resulting from cutting meat without bone contact. This specimen is an unclassified type not associated with a specific cultural period.

Artifact 1-4 is a unifacially beveled flake scraper. Maximum dimensions are 3.9 cm x 3.1 cm x 0.5 cm and it weighs 4.3 g. The raw material is Jefferson City chert, which is found locally in the deeper valleys. Microscopic examination revealed wear resulting

from scraping wet hide and from perforating a soft material. This specimen is not associated with a specific cultural period.

23DA364



23DA364 is a prehistoric habitation exhibiting evidence of a Late Archaic Period occupation. It was recorded by Howard Wimmer in 1987 when he collected 1 bifacial knife (1-1). It is an expanding stem specimen with a broad tip, a straight blade, corner notches, barbed shoulders and a straight base. The cross section is biconvex with edge abrading on the base and stem and no beveling. Maximum dimensions are 4.8 cm x 4.6 cm x 0.9 cm and it weighs 15.7 g. The stem measures 1.3 cm x 3.1 cm and comprises about 27% of the total length of the specimen. The raw material is heat-treated Burlington chert, which is found locally. Microscopic examination revealed wear resulting from cutting meat with bone contact. This specimen most closely

resembles the Castroville type, which is associated with the Late Archaic Period.

23DA365

23DA365 is a prehistoric habitation exhibiting evidence of a Late Archaic or Woodland Period occupation. It was recorded by Howard Wimmer in 1986 when he collected 13 artifacts weighing 156.5 g. These included 1 biface fragment (3.6 g), 1 dart point fragment (4.0 g), 3 bifacial knife fragments (32.9 g), 2 bifacial knives (19.3 g) and 6 preform fragments (96.7 g).

Artifact 1-1 is a bifacial knife. It is an expanding stem specimen with a pointed tip, a recurved blade, corner notches, barbed shoulders and a convex base. One shoulder a barb and part of one tang are missing. The cross section is biconvex with no edge abrading and no beveling. Maximum dimensions are $5.2 \text{ cm } \times 3.6 \text{ cm } \times 0.9 \text{ cm}$ and it weighs 16.8 g. The stem measures $1.7 \text{ cm } \times 2.6 \text{ cm}$ and comprises about 33% of the total length of the specimen. The raw material is Burlington chert, which is found locally. Microscopic examination revealed no evidence of use-wear. This specimen most closely resembles the Big Creek type, which is associated with the Late Archaic Period.



Artifact 1-2 is a bifacial knife. It is an expanding stem specimen with a pointed tip, a recurved blade, corner notches, barbed shoulders and a straight base. The cross section is biconvex with edge abrading on the base and no beveling. One shoulder, a barb and



part of one tang are missing. Maximum dimensions are 2.8 cm x 2.0 cm x 0.5 cm and it weighs 2.5 g. The stem measures 0.5 cm x 1.1 cm and comprises about 18% of the total length of the specimen. The raw material is Burlington chert, which is found locally. Microscopic examination revealed no evidence of use-wear. This specimen is an unclassified type, which resembles others associated with the Woodland Period.

Artifact 1-3 is a dart point stem. It is an expanding specimen with corner notches, missing shoulders and a concave base. The cross section is biconvex with edge abrading on the base and stem but no

Maximum dimensions are 2.3 cm x 2.1 cm x 0.8 cm and it weighs 4.0 g. The stem measures 1.0 cm x 2.1 cm and comprises about 43% of the total length of the specimen. The raw material is heat-treated Burlington chert, which is found locally. Microscopic examination revealed no use-wear. This specimen most closely resembles the Fairland type, which is associated with the Late Archaic Period.

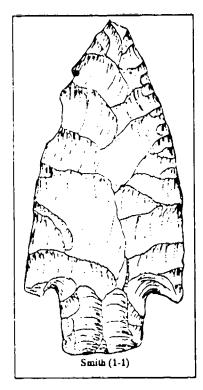
Artifact 1-5 is a bifacial knife. It has an excurvate blade with a pointed tip, but is missing the entire proximal portion. The cross section is biconvex with no edge abrading and no beveling. Maximum dimensions are $4.8 \text{ cm} \times 2.2 \text{ cm} \times 0.8 \text{ cm}$ and it weighs 9.1 g. The raw material is heat-treated Burlington chert, which is found locally. Microscopic examination revealed wear resulting from cutting meat without bone contact. This specimen is resharpened and is an unclassified type not associated with a specific cultural period.

Artifact 1-6 is a bifacial knife midsection. It has a straight blade and is plano-convex in cross section with no edge abrading and no beveling. Maximum dimensions are 1.8 cm x 1.8 cm x 0.7 cm and it weighs 2.4 g. The raw material is heat-treated Burlington chert, which is found locally. Microscopic examination revealed wear resulting from cutting meat without bone contact. This specimen is resharpened and is an unclassified type not associated with a specific cultural period.

Artifact 1-8 is a bifacial knife proximal. It is an unstemmed specimen with a missing blade and tip, no notches, no shoulders and a convex base. The cross section is plano-convex with no edge abrading and beveling on the left edge of the blade. Maximum dimensions are $4.0 \text{ cm} \times 4.1 \text{ cm} \times 0.9 \text{ cm}$ and it weighs 21.4 g. The raw material is heattreated Burlington chert, which is found locally. Microscopic examination revealed no evidence of use-wear. This specimen is an unclassified type not associated with a specific cultural period.

23DA366

23DA366 is a prehistoric habitation exhibiting evidence of Early to Late Archaic, Late Woodland and Mississippi Period occupations. It was recorded by Howard Wimmer in 1987 when he collected 120 artifacts weighing 11,766.6 g. These included 1 adze (91.5 g), 4 biface fragments (27.7 g), 5 stemmed biface fragments (48.0 g), 2 unstemmed biface fragments (49.0 g), 1 dart point (3.4 g), 1 grinding basin (9,999.9 g), 1 piece of hematite (47.4 g), 15 bifacial knife fragments (115.3 g), 12 bifacial knives (183.9 g), 4 mussel shell fragments (41.0 g), 69 preform fragments (1,029.5 g), 2 preform s(23.2 g), 1 aborted preform fragment (66.4 g), 1 aborted preform (31.6 g) and 1 projectile point/knife (8.8 g).

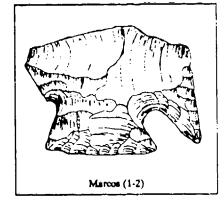


Artifact 1-1 is a bifacial knife. It is a square stemmed corner removed specimen with a pointed tip, an excurvate blade, square shoulders and a straight base. The cross section is biconvex with edge abrading on the base and stem and no beveling. Maximum dimensions are 8.7 cm x 4.1 cm x 1.1 cm and it weighs 36.2 g. The stem measures 1.6 cm x 2.5 cm and comprises about 18% of the total length of the specimen. The raw material is Burlington chert, which is found locally. Microscopic examination revealed wear resulting from cutting meat without bone contact. This specimen most closely resembles the Smith type, which is associated with the Late Archaic Period.

Artifact 1-2 is a bifacial knife proximal. It is an expanding stem specimen with a missing tip, a straight

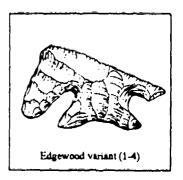
blade, basal notches, barbed shoulders and a straight base. The cross section is biconvex with edge abrading on the base

but no beveling. Maximum dimensions are 3.5 cm x 4.6 cm x 0.8 cm and it weighs 14.7 g. The stem measures 1.3 cm x 2.8 cm and comprises about 37% of the total length of the specimen. The raw material is heat-treated Burlington chert, which is found locally. Microscopic examination revealed wear resulting from cutting meat



without bone contact. This specimen most closely resembles the Marcos type, which is associated with the Late Archaic Period.

Artifact 1-3 is a bifacial knife. It is an expanding stem specimen with a rounded tip, a straight blade, corner notches, barbed shoulders (now missing) and a convex base. The cross section is biconvex with edge abrading on the base and stem and no beveling. Maximum dimensions are 6.7 cm x 3.6 cm x 0.7 cm and it weighs 22.0 g. The stem measures 1.4 cm x 3.5 cm and comprises about 21% of the total length of the specimen. The 1 w material is heat-treated Burlington chert, which is found locally. Microscopic examination revealed wear resulting from cutting meat with bone contact. This specimen most closely resembles the Marcos type, which is associated with the Late Archaic Period.

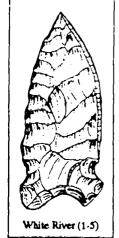


Artifact 1-4 is a bifacial knife proximal. It is an expanding stem specimen with a missing blade, basal notches, barbed shoulders and a thinned concave base. The cross section is irregular with edge abrading on the base but no beveling. Maximum dimensions are 2.0 cm x 3.5 cm x 0.6 cm and it weighs 3.8 g. The stem measures 0.9 cm x 2.2 cm and comprises about 45% of the total length of the specimen. The raw material is unidentified chert. This is a fairly rare variant of the Edgewood type found in Middle Archaic contexts

throughout Southwest Missouri and Northwest Arkansas. Basal notches angle inward and the thinned base is concave or recurved. Tangs are sharp or slightly rounded and barbs

long, usually aligned with the base. Almost all of the blade is missing, but the barb margin on one side shows use wear and polish typical of cutting meat with little bone contact.

Artifact 1-5 is a projectile point/knife. It is an lobed stem specimen with a pointed tip, an excurvate blade, side notches, sloping shoulders and a concave base. The cross section is biconvex with edge abrading on the base and stem and no beveling. Maximum dimensions are 5.3 cm x 1.9 cm x 0.7 cm and it weighs 8.8 g. The stem measures 1.3 cm x 2.2 cm and comprises about 36% of the total length of the specimen. The raw material is Burlington chert, which is found locally. Microscopic examination revealed wear resulting from cutting meat without bone contact. The tip has been carried away by an impact



fracture. This resharpened specimen most closely resembles the White River type, which is associated with the Middle Archaic Period.



Artifact 1-6 is a bifacial knife. It is an expanding stem specimen with a missing tip, a straight blade, side notches, sloping shoulders and a straight base. The cross section is rhomboidal with edge abrading on the stem and beveling on the right blade edge. Maximum dimensions are 4.7 cm x 2.3 cm x 1.0 cm and it weighs 12.7 g. The stem measures 1.3 cm x 2.6 cm and comprises about 28% of the total length of the specimen. The raw material is heat-treated Burlington chert, which is found locally. Microscopic examination revealed wear resulting from cutting meat without bone contact. This specimen is resharpened and most closely resembles the Rice Side Notched type, which is associated with the Woodland Period. It has been extensively resharpened, producing a slight beveling of the blade and probably could also have been classified as a Steuben.

Artifact 1-7 is a bifacial knife. It is an expanding stem specimen with a broad tip, an excurvate blade, corner notches, square shoulders and a convex base. The cross section is biconvex with edge abrading on the base and stem but no beveling. Maximum dimensions are 3.7 cm x 3.3 cm x 0.8 cm and it weighs 9.8 g. The stem measures 1.4 cm

x 3.1 cm and comprises about 38% of the total length of the specimen. The raw material is heat-treated Burlington chert, which is found locally. Microscopic examination at 25X revealed wear resulting from cutting meat without bone contact. This specimen is exhausted and most closely resembles the Big Creek type, which is associated with the Late Archaic Period.



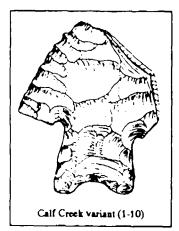
Artifact 1-8 is a bifacial knife. It is an expanding stem specimen with a broad tip, an excurvate blade, corner notches,



barbed shoulders and a concave base. The cross section is biconvex with no edge abrading and no beveling. Maximum dimensions are 3.9 cm x 2.4 cm x 0.7 cm and it weighs 5.8 g. The stem measures 0.7 cm x 1.4 cm and comprises about 18% of the total length of the specimen. The raw material is heat-treated Burlington chert, which is found locally. Microscopic examination revealed wear resulting from cutting meat with bone contact. This specimen is an unclassified type, which may be associated with the Woodland Period.

Artifact 1-9 is a biface fragment. It is an expanding stem specimen with a missing tip, a straight blade, corner notches, square shoulders and a convex base. The cross section is biconvex with no edge abrading and no beveling. Maximum dimensions are 2.3 cm x 3.1 cm x 0.7 cm and it weighs 5.6 g. The stem measures 1.0 cm x 2.4 cm and comprises about 43% of the total length of the specimen. The raw material is heattreated Burlington chert, which is found locally. Microscopic examination revealed wear resulting from cutting meat without bone contact. This specimen most closely resembles the Kings Corner Notched type, which is associated with the Late Archaic Period.

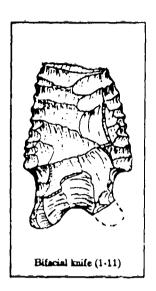




Artifact 1-10 is a biface fragment. It is a parallel stem specimen with a missing tip, an excurvate blade, basal notches, barbed shoulders and a concave base. The cross section is plano-convex with edge abrading on the stem and no beveling. It has been resharpened so extensively that one shoulder is missing and the blade is very short. The barbs (now missing) were very long and the blade is damaged with margin existing only on one side of the biface. It is made from a large flake. Maximum dimensions are 4.6 cm x 3.5 cm x 0.7 cm and it weighs 11.3 g. The stem measures 1.8 cm x 2.2 cm and comprises about 39% of the total length of the specimen. The raw material is Burlington chert, which is found locally.

Microscopic examination revealed wear resulting from cutting meat without bone contact. This specimen is a variant of the Calf Creek type, which is associated with the Middle Archaic Period.

Artifact 1-11 is a bifacial knife. It is an expanding stem specimen with a missing tip, a serrated blade, side notches, square shoulders and a concave base. The cross section is biconvex with edge abrading on the stem and no beveling. Maximum dimensions are 4.3 cm x 2.8 cm x 0.7 cm and it weighs 8.2 g. The stem measures 1.5 cm x 2.0 cm and comprises about 35% of the total length of the specimen. The raw material is Burlington chert, which is found locally. Microscopic examination revealed no evidence of use-wear. This specimen is an unclassified type midway in the continuum between Breckenridge and Rice Lobed. The base is deeply concave to recurved like Breckenridge but the stem edges are not alternately beveled. Serrations appear on this example, but no blade edge beveling. The tip is missing and one tang is damaged. It is probably Early Archaic in age.



Artifact 1-12 is a bifacial knife proximal. It is a parallel stem corner removed specimen with a missing tip, a straight blade, sloping shoulders and a straight base. The cross section is biconvex with no edge abrading and no beveling. Maximum dimensions are 5.2 cm x 3.1 cm x 0.8 cm and it weighs 15.6 g. The stem measures 1.3 cm x 2.3 cm and comprises about 25% of the total length of the specimen. The raw material is heat-treated Burlington chert, which is found locally. Microscopic examination revealed wear resulting from cutting meat with much bone contact. This specimen most closely resembles the Stone square stemmed type, which is associated with the Late Archaic Period. This originally was a very long example of the type, but the tip was broken.

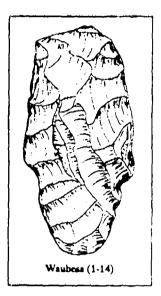


Dart point (1-13)

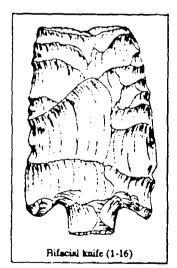
Artifact 1-13 is a small thin dart point. It is an expanding stem specimen with a missing tip, a straight blade, basal notches, barbed shoulders and a convex base. The cross section is biconvex with no edge abrading and no beveling. Maximum dimensions are 3.2 cm x 2.3 cm x 0.4 cm and it weighs 3.4 g. The stem measures 0.6 cm x 1.4 cm and comprises about 19% of the total length of the specimen. The raw material is heat-treated Burlington chert, which is found locally. This small and very thin biface has tip damage which could be the result of impact. Slight blade edge damage might be attributable to the same cause since no use polish seems apparent. One tang is

damaged. One notch is strongly basal while the other is almost a corner notch. One barb is very long, extending below the existing base while the other is shorter. Similar points have been found in Woodland contexts.

Artifact 1-14 is a bifacial knife. It is a contracting stem specimen with a missing tip, an excurvate blade, sloping shoulders and a convex base. The cross section is plano-convex with no edge abrading and beveling on the right blade edge. Maximum dimensions are 5.9 cm x 2.9 cm x 1.1 cm and it weighs 21.8 g. The stem measures 2.2 cm x 2.2 cm and comprises about 37% of the total length of the specimen. The raw material is heat-treated Burlington chert, which is found locally. This point has extremely damaged blade edges. Sections are snapped off and some areas show crushing. Some hinge fractures originate from the edge. No polish is apparent so its last use was probably not dismembering. It may have been used to pry something open (bivalve shells, for example). This specimen most closely resembles the Waubesa type, which is associated with the Woodland Period.



Artifact 1-15 is a roughly elliptical bifacial knife. It is an unstemmed specimen with a pointed tip, an excurvate blade, no notches, no shoulders and a convex base. The cross section is rhomboidal with no edge abrading and beveling on the right blade edge. Slight indentions near the base suggest that it was hafted. Maximum dimensions are 6.2 cm x 2.3 cm x 0.9 cm and it weighs 16.3 g. The raw material is Jefferson City quartzite, which is found locally in the deeper valleys. Microscopic examination revealed wear resulting from cutting meat with bone contact. This specimen is resharpened and is an unclassified type not associated with a specific cultural period.

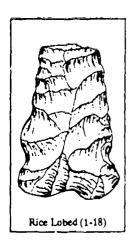


Artifact 1-16 is a large bifacial knife. It is a parallel stem specimen with a missing tip, an excurvate blade, notching, barbed shoulders and a missing base. The cross section is biconvex with no edge abrading and no beveling. Maximum dimensions are 5.5 cm x 3.4 cm x 0.9 cm and it weighs 20.9 g. The raw material is Burlington chert, which is found locally. Microscopic examination revealed wear resulting from cutting meat with bone contact. This specimen is an unclassified type, that may be associated with the Late Archaic Period.

Artifact 1-17 is a bifacial knife proximal. It is an expanding stem specimen with a missing tip, an excurvate blade, basal notches, barbed shoulders (now missing) and a straight base. The cross section is biconvex with no edge

abrading and no beveling. Maximum dimensions are 4.7 cm x 4.3 cm x 0.7 cm and it weighs 14.7 g. The stem measures 1.2 cm x 2.7 cm and comprises about 26% of the total length of the specimen. The raw material is heat-treated Burlington chert, which is found locally. Microscopic examination revealed no evidence of use-wear although the thinness suggests a cutting implement. It may have been broken before use. This specimen most closely resembles the Castroville type, which is associated with the Late Archaic Period.

Artifact 1-18 is a bifacial knife. It is an expanding stem specimen with a missing tip, an incurvate blade, side notches, no shoulders and a concave base. The cross section is rhomboidal with edge abrading on the base and stem and beveling on the left edge of the blade. Maximum dimensions are 3.9 cm x 2.2 cm x 0.8 cm and it weighs 9.5 g. The stem measures 1.3 cm x 2.5 cm and comprises about 33% of the total length of the specimen. The raw material is heat-treated Burlington chert, which is found locally. Microscopic examination revealed wear resulting from cutting meat without bone contact. This specimen is resharpened so extensively that the shoulders have been removed and most closely resembles the Rice Lobed type, which is associated with the Early Archaic Period.





Artifact 1-19 is a stemmed biface proximal. It is an expanding stem specimen with a missing tip, an asymmetrical blade, corner notches, barbed shoulders (one now missing) and a concave base. One edge is missing and the other is so battered that function cannot be evaluated. The cross section is biconvex with no edge abrading and no beveling. Maximum dimensions are 4.4 cm x 3.5 cm x 0.7 cm and it weighs 12.7 g. The stem measures 1.1 cm x 2.7 cm and comprises about 25% of the total length of the specimen. The raw material is heattreated Burlington chert, which is found locally. Microscopic examination revealed battering but no use-wear. This specimen most closely resembles the Martindale type, which is associated with the Late Archaic Period.

Artifact 1-20 is a bifacial knife proximal. It is an unstemmed specimen with a missing tip, a straight blade, side notches, no shoulders and a concave base. The cross section is rhomboidal with no edge abrading and beveling on the left edge of the blade. Maximum dimensions are 3.1 cm x 2.5 cm x 0.9 cm and it weighs 9.4 g. The raw material is heat-treated Burlington chert, which is found locally. Microscopic examination revealed wear resulting from cutting meat without bone contact. This specimen is an unclassified type not associated with a specific cultural period.

Artifact 1-21 is thin a bifacial knife proximal. It is an expanding stem specimen with a missing blade, corner notches, missing shoulders and a straight base. One tang is missing and the other is sharp and angular. One blade edge is almost totally snapped away and the small part remaining of the other margin shows slight use rounding and some polish. The cross section is biconvex with no edge abrading and no beveling. Maximum dimensions are 2.3 cm π 2.4 cm x 0.4 cm and it weighs 3.3 g. The stem measures 0.8 cm x 1.7 cm and comprises about 35% of the total length of the specimen. The raw material is Burlington chert, which is found locally. Microscopic examination revealed wear

resulting from cutting meat without bone contact. This specimen most closely resembles the Ensor type, which is associated with the Late Archaic Period.

Artifact 1-24 is a bifacial knife proximal. It is an expanding stem specimen with a missing tip, an excurvate blade, corner notches, missing shoulders and a missing base. The cross section is biconvex with no edge abrading and no beveling. Maximum dimensions are 4.0 cm x 3.7 cm x 0.6 cm and it weighs 8.7 g. The stem measures 0.0 cm x 0.0 cm and comprises about 0% of the total length of the specimen. The raw material is heattreated Burlington chert, which is found locally. Microscopic examination revealed wear resulting from cutting meat without bone contact. This specimen is an unclassified type resembling the Fairland or Martindale types, which are both Late Archaic types.

Artifact 1-27 is a biface stem. It is a contracting stem specimen with a missing blade, sloping shoulders and a convex base. The cross section is biconvex with no edge abrading and no beveling. Maximum dimensions are 2.1 cm x 2.7 cm x 0.8 cm and it weighs 6.3 g. The stem measures 1.3 cm x 2.3 cm and comprises about 62% of the wallength of the specimen. The raw material is Jefferson City chert, which is found locally in the deeper valleys. Microscopic examination revealed wear resulting from battering on the stem edges, particularly the basal edge, as if it were used as a small hammerstone, perhaps in resharpening. This specimen most closely resembles the Waubesa type, which is associated with the Woodland Period.

Artifact 1-28 is a bifacial knife distal. It has a broad tip, an excurvate blade and is missing the entire proximal portion. The cross section is biconvex with no edge abrading and no beveling. Maximum dimensions are 3.0 cm x 4.0 cm x 0.6 cm and it weighs 7.5 g. The raw material is heat-treated Burlington chert, which is found locally. Microscopic examination revealed wear resulting from cutting meat without bone contact. This specimen is an unclassified type not associated with a specific cultural period.

Artifact 1-29 is a bifacial knife distal. It has a pointed tip, an excurate blade and is missing the entire proximal portion. The cross section is biconvex with no edge abrading and no beveling. Maximum dimensions are 3.6 cm x 2.0 cm x 0.6 cm and it weighs 4.4 g. The raw material is heat-treated Burlington chert, which is found locally. Microscopic examination revealed wear resulting from cutting meat without bone contact. This specimen is resharpened and is an unclassified type not associated with a specific cultural period.

Artifact 1-30 is a bifacial knife. It has a damaged tip, a straight blade, no shoulders and a missing stem and base. The cross section is biconvex with no edge abrading and no beveling. Maximum dimensions are 4.6 cm x 2.3 cm x 0.6 cm and it weighs 8.7 g. The raw material is heat-treated Burlington chert, which is found locally. Microscopic examination revealed wear resulting from cutting meat with bone contact. This specimen is an unclassified type not associated with a specific cultural period.

Artifact 1-31 is a bifacial knife midsection. It has a missing tip, an excurvate blade, unidentifiable notching, no shoulders and a missing stem and base. The cross section is biconvex with no edge abrading and no beveling. Maximum dimensions are 2.3 cm x 3.5 cm x 0.6 cm and it weighs 5.9 g. The raw material is heat-treated Burlington chert, which is found locally. Microscopic examination revealed wear resulting from cutting meat without bone contact. This specimen is an unclassified type not associated with a specific cultural period.

Artifact 1-32 is a crude hafted adze. It is an unstemmed specimen with a convex tip, an excurvate blade, no shoulders and a convex base. The cross section is planoconvex with no edge abrading and no beveling. Maximum dimensions are 9.7 cm x 4.9 cm x 2.5 cm and it weighs 91.5 g. The raw material is Burlington chert, which is found locally. Microscopic examination revealed wear resulting from chopping. This specimen is an unclassified type not associated with a specific cultural period.

Artifact 1-36 is a preform. It is an unstemmed specimen with a broad tip, an excurvate blade, no notches, no shoulders and a convex base. The cross section is biconvex with edge abrading on the blade but no beveling. Maximum dimensions are 3.6 cm x 2.3 cm x 0.5 cm and it weighs 5.3 g. The raw material is heat-treated Burlington chert, which is found locally. Microscopic examination revealed no evidence of use-wear. This is a most informative preform for either a small dart point or an arrow point. A flake has been roughly percussion flaked. Then, starting at the tip, the specimen has been carefully pressure flaked for about 2.3 cm toward the base. For an unknown reason flaking ceased here. The final product would have been quite thin. It is probably Woodland or post Woodland, but there is no way to be certain.





Artifact 1-43 is a bifacial knife stem. It is an expanding stemmed specimen with a blade, basal notches, barbed shoulders and a concave base. The cross section is biconvex with no edge abrading and no beveling. Maximum dimensions are 1.7 cm x 2.6 cm x 0.5 cm and it weighs 2.8 g. The stem measures 0.5 cm x 1.8 cm and comprises about 29% of the total length of the specimen. The raw material is heat-treated Burlington chert, which is found

locally. Microscopic examination revealed wear resulting from cutting meat without bone contact. This unclassified specimen resembles other types associated with the Woodland Period. This is a fairly rare but widely distributed unnamed biface form. Basal notches are executed at an angle to form a very short expanding stem with a concave or recurved base. Massive bart's align with the base. Slight use polish can be seen on small remnant of barb/blade edge margin.

Artifact 1-44 is a bifacial knife. It is an expanding stem specimen with a pointed tip, an excurvate blade, corner notches, square shoulders and a straight base. The cross

section is biconvex with no edge abrading and no beveling. Maximum dimensions are 2.8 cm x 2.0 cm x 0.3 cm and it weighs 2.2 g. The stem measures 0.5 cm x 1.0 cm and comprises about 18% of the total length of the specimen. One corner of the stem is missing so it was once wider. The raw material is heat-treated Burlington chert, which is found locally. Microscopic examination revealed wear resulting from cutting regard without bone contact. This specimen is an unclassified type, which may be associated with the Woodland Period.

Artifact 1-45 is a lanceolate bifacial knife. It is a parallel stem specimen with a damaged tip, an excurvate blade, shallow side notches, sloping shoulders and a convex base. The cross section is rhomboidal with no edge abrading and steep beveling on the left edge of the blade. Maximum dimensions are 6.4 cm x 3.2 cm x 0.9 cm and it weighs 18.5 g. The stem measures 1.2 cm x 2.4 cm and comprises about 19% of the total length of the specimen. The raw material is heat-treated Burlington chert, which is found locally. Microscopic examination revealed wear resulting from cutting meat without bone contact. This specimen is an unclassified type not associated with a specific cultural period, although the beveling suggests an Early Archaic affiliation.

Artifact 1-47 is a bifacial knife distal. It has a pointed tip, a straight blade, no notches, missing shoulders and a missing stem and base. The cross section is biconvex with no edge abrading or beveling. Maximum dimensions are 3.7 cm x 2.2 cm x 0.7 cm and it weighs 6.0 g. The raw material is heat-treated Burlington chert, which is found locally. Microscopic examination revealed wear resulting from cutting meat without bone contact. This specimen is an unclassified type not associated with a specific cultural period.

Artifact 1-48 is a broad bifacial knife distal. It has a broad tip, an excurvate blade, no notches, missing shoulders and a missing stem and base. The cross section is biconvex with no edge abrading and no beveling. Maximum dimensions are 2.5 cm x 4.1 cm x 0.8 cm and it weighs 7.6 g. The raw material is heat-treated Burlington chert, which is found locally. Microscopic examination revealed wear resulting from cutting meat with bone contact. This specimen is an unclassified type not associated with a specific cultural period.

23DA 367

23DA367 is a prehistoric habitation exhibiting evidence of Late Archaiz and Woodland Period occupations. It was recorded by Howard Wimmer in 1987 when he collected 8 artifacts weighing 120.0 g. These included 1 dart point fragment (8.8 g), 1 dart point (3.7 g), 1 bifacial knife fragment (12.3 g) and 5 preform fragments (95.2 g).

Artifact 1-1 is a dart point. It is an expanding stem specimen with a damaged tip, a straight blade, side notches, square shoulders and a convex base. One tang is missing. The cross section is biconvex with no edge abrading and no beveling. Maximum dimensions are 3.5 cm x 1.9 cm x 0.6 cm and it weighs 3.7 g. The stem measures 0.7 cm

x 1.3 cm and comprises about 20% of the total length of the specimen. The raw material is heat-treated Burlington chert, which is found locally. Microscopic examination revealed no evidence of use-wear. This specimen is an unclassified type, which is often associated with the Woodland Period.

Artifact 1-2 is a dart point stem. It is a parallel stem corner removed specimen with a missing tip, a straight blade, square shoulders (one now missing) and a convex base. The cross section is biconvex with no edge abrading and no beveling. Maximum dimensions are 3.4 cm x 2.7 cm x 0.8 cm and it weighs 8.8 g. The stem measures 1.4 cm x 2.2 cm and comprises about 41% of the total length of the specimen. The raw material is heat-treated Burlington chert, which is found locally. Microscopic examination revealed no use-wear. The tip has been carried away by an impact fracture. This specimen most closely resembles the Stone Square Stemmed type, which is associated with the Late Archaic Period.

Artifact 1-3 is a bifacial knife distal. It has a broad tip, an excurvate blade and is missing the entire proximal portion. The cross section is biconvex with no edge abrading and no beveling. Maximum dimensions are 4.1 cm x 3.8 cm x 0.9 cm and it weighs 12.3 g. The raw material is heat-treated Burlington chert, which is found locally. Microscopic examination revealed wear resulting from cutting meat with bone contact. This specimen is an unclassified type not associated with a specific cultural period.

23DA368

23DA368 is a prehistoric habitation exhibiting evidence of Early and Late Archaic, Woodland and Mississippi Period occupations. It was recorded by Howard Wimmer in 1987 when he collected 43 artifacts weighing 514.5 g. These included 3 stemmed biface fragments (21.3 g), 3 dart point fragments (23.5 g), 1 bifacial drill fragment (3.1 g), 1 bifacial drill (1.6 g), 12 bifacial knife fragments (105.2 g), 2 bifacial knives (30.8 g), 1 flake knife fragment (11.4 g), 3 knife/scraper fragments (49.5 g), 1 knife/scraper (11.5 g), 1 preform fragment (17.4 g), 13 aborted preform fragments (226.4 g), 1 projectile point/knife fragment (9.6 g) and 1 bifacial end scraper fragment (3.2 g).

Artifact 1-1 is a bifacial knife proximal. It is an expanding stem specimen with a missing tip, an excurvate biade, corner notches, barbed shoulders and a convex base. The cross section is plano-convex with no edge abrading and no beveling. Maximum dimensions are 3.9 cm x 4.2 cm x 0.7 cm and it weighs 13.3 g. The stem measures 1.3 cm x 2.7 cm and comprises about 33% of the total length of the specimen. The raw material is Reeds Spring chert, which is generally found in southwest Missouri and northwest Arkansas into northeast Oklahoma and extreme southeast Kansas. Microscopic examination revealed wear resulting from cutting meat without bone contact. This specimen most closely resembles the Lander Corner Notched type, which is associated with the Woodland Period.

Artifact 1-2 is a bifacial knife/scraper proximal. It is an expanding stem specimen with a missing tip, a straight blade, corner notches, barbed shoulders and a straight base. It is snapped 3 cm above shoulder on one side. The opposite shoulder, barb and blade edge are missing. The cross section is biconvex with edge abrading on the base and stem but no beveling. Maximum dimensions are 4.4 cm x 3.7 cm x 0.8 cm and it weighs 18.3 g. The stem measures 1.4 cm x 2.8 cm and comprises about 32% of the total length of the specimen. The raw material is Burlington chert, which is found locally. Microscopic examination revealed wear resulting from cutting meat with bone contact and from scraping wood. This specimen most closely resembles the Stone Corner Notched type, which is associated with the Late Archaic Period.

Artifact 1-3 is a bifacial knife/scraper. It is a parallel stem specimen with a missing tip, a straight blade, side notches, barbed shoulders and a straight base. The cross section is biconvex with edge abrading on the base but no beveling. Maximum dimensions are 3.4 cm x 2.8 cm x 0.8 cm and it weighs 10.0 g. The stem measures 0.7 cm x 0.8 cm and comprises about 21% of the total length of the specimen. The raw material is Burlington chert, which is found locally. Microscopic examination revealed wear resulting from cutting and scraping wood. This specimen is an unclassified type, which may be associated with the Late Archaic Period. It is a rare, possibly unique, specimen with a short squared stem, one barbed and one squared shoulder and a side notch located immediately above each shoulder. It is unlike the Evans point in stem morphology.

Artifact 1-4 is a biface fragment. It is an expanding stem specimen with a missing tip, a straight blade, side notches, square shoulders (one of which is missing) and a damaged base. The cross section is biconvex with no edge abrading and no beveling. Maximum dimensions are 3.9 cm x 3.2 cm x 0.7 cm and it weighs 10.0 g. The stem measures 1.2 cm x 3.0 cm and comprises about 31% of the total length of the specimen. The raw material is heat-treated Burlington chert, which is found locally. Microscopic examination revealed wear resulting from cutting meat with bone contact. This specimen most closely resembles the Big Creek type, which is associated with the Late Archaic Period.

Artifact 1-5 is a bifacial knife proximal. It is an expanding stem specimen with a missing tip, a straight blade, corner notches, barbed shoulders and a straight base. The cross section is biconvex with edge abrading on the base and no beveling. Maximum dimensions are 2.4 cm x 2.7 cm x 0.6 cm and it weighs 4.6 g. The stem measures 1.1 cm x 1.9 cm and comprises about 46% of the total length of the specimen. The raw material is heat-treated Burlington chert, which is found locally. Microscopic examination revealed wear resulting from cutting meat with bone contact. This specimen most closely resembles the Kings Corner Notched type, which is associated with the Woodland Period.

Artifact 1-6 is a dart point stem. It is an expanding stem specimen with a missing blade, corner notches, missing shoulders and a convex base. An impact fracture has removed most of the blade and blade margins and extends into the hafting area on one side. Part of base is also snapped off. The cross section is biconvex with no edge

abrading and no beveling. The tip has been carried away by an impact fracture. Maximum dimensions are 3.4 cm x 2.4 cm x 0.7 cm and it weighs 8.2 g. The stem measures 1.1 cm x 2.4 cm and comprises about 32% of the total length of the specimen. The raw material is heat-treated Burlington chert, which is found locally. Microscopic examination revealed no evidence of use-wear. This specimen most closely resembles the Stone Corner Notched type, which is associated with the Late Archaic Period.

Artifact 1-7 is a dart point stem. It is an expanding stem specimen with a missing blade, corner notches, square shoulders and a straight base. The cross section is biconvex with edge abrading on the stem and no beveling. The tip has been carried away by an impact fracture. Maximum dimensions are 2.7 cm x 2.8 cm x 0.9 cm and it weighs 7.5 g. The stem measures 1.6 cm x 2.8 cm and comprises about 59% of the total length of the specimen. The raw material is heat-treated Burlington chert, which is found locally. Microscopic examination revealed no evidence of use-wear. This specimen most closely resembles the Stone Corner Notched type, which is associated with the Late Archaic Period.

Artifact 1-8 is a dart point stem. It is an expanding stem specimen with a missing blade, corner notches, barbed shoulders and a convex base. One shoulder is missing due to an impact fracture. The cross section is biconvex with edge abrading on the stem and no beveling. Maximum dimensions are 2.6 cm x 3.1 cm x 0.7 cm and it weighs 7.8 g. The stem measures 1.5 cm x 3.0 cm and comprises about 58% of the total length of the specimen. The raw material is yellow and gray mottled unidentified chert. Microscopic examination revealed no use-wear. This specimen most closely resembles the Stone Corner Notched type, which is associated with the Late Archaic Period.

Artifact 1-9 is a projectile point/knife stem. It is a parallel stem corner removed specimen with a missing tip, a straight blade, missing shoulders and a straight base. There is an impact fracture on one face. The cross section is biconvex with edge abrading on the stem and no beveling. Maximum dimensions are 3.2 cm x 3.3 cm x 0.7 cm and it weighs 9.6 g. The stem measures 1.4 cm x 2.4 cm and comprises about 44% of the total length of the specimen. The raw material is heat-treated Burlington chert, which is found locally. Microscopic examination revealed wear resulting from cutting meat with bone contact. This specimen most closely resembles the Stone Square Stemmed type, which is associated with the Late Archaic Period.

Artifact 1-10 is a biface stem. It is a parallel stem specimen with a missing blade, square shoulders and a straight base. The cross section is unidentifiable with edge abrading on the stem but no beveling. Maximum dimensions are 1.8 cm x 2.3 cm x 0.7 cm and it weighs 3.9 g. The stem measures 1.3 cm x 1.8 cm and comprises about 72% of the total length of the specimen. The raw material is Burlington chert, which is found locally. Microscopic examination revealed no evidence of use-we. This specimen most closely resembles the Stone Square Stemmed type, which is associated with the Late Archaic Period.

Artifact 1-11 is a hafted bifacial end scraper made from a broken and reworked Table Rock Stemmed point. It is an expanding stem corner removed specimen with a missing blade, square shoulders and a straight base. The cross section is biconvex with edge abrading on the stem and no beveling. Maximum dimensions are 2.0 cm x 2.3 cm x 0.6 cm and it weighs 3.2 g. The stem measures 1.1 cm x 1.7 cm and comprises about 55% of the total length of the specimen. The raw material is heat-treated Burlington chert, which is found locally. Microscopic examination revealed wear resulting from scraping wet hide. This specimen most closely resembles the Table Rock Stemmed type, which is associated with the Late Archaic Period.

Artifact 1-12 is a bifacial knife/scraper midsection. It has a missing tip, an excurvate blade, square shoulders and a missing stem and base. The cross section is biconvex with no edge abrading and no beveling. Maximum dimensions are 5.0 cm x 3.6 cm x 0.9 cm and it weighs 21.2 g. The raw material is Burlington chert, which is found locally. Microscopic examination revealed wear resulting from cutting and scraping Bone or antler. This specimen is an unclassified type that may be associated with the Late Archaic Period. This could be part of a broken Smith point, but not enough of the stem is present to be sure.

Artifact 1-13 is a bifacial knife fragment consisting of one barb and one side of the stem. It is an expanding stem specimen with a missing blade, corner notches, barbed shoulders and a convex base. The cross section is unidentifiable with edge abrading on the stem and no beveling. Maximum dimensions are 3.1 cm x 2.1 cm x 0.9 cm and it weighs 4.8 g. The stem measures 2.0 cm long and comprises about 65% of the total length of the specimen. The raw material is Burlington chert, which is found locally. Microscopic examination revealed no evidence of use-wear. This specimen most closely resembles the Big Creek type, which is associated with the Late Archaic Period.

Artifact 1-14 is a bifacial knife base. It is an unstemmed specimen with a missing tip, a straight blade, no notches, no shoulders and a convex base. The cross section is plano-convex with no edge abrading and no beveling. Maximum dimensions are 2.9 cm x 2.4 cm x 0.7 cm and it weighs 5.6 g. The raw material is heat-treated Burlington chert, which is found locally. Microscopic examination revealed wear resulting from cutting meat with bone contact. It was probably not hafted. This specimen is an unclassified type not associated with a specific cultural period.

Artifact 1-15 is a bifacial drill midsection. It has a missing tip, a straight blade, no shoulders and a missing stem and base. The cross section is biconvex with no edge abrading and no beveing. Maximum dimensions are 2.9 cm x 1.2 cm x 0.6 cm and it weighs 3.1 g. The raw material is Burlington chert, which is found locally. Microscopic examination revealed wear resulting from perforating a soft material. This specimen is exhausted and is an unclassified type not associated with a specific cultural period.

Artifact 1-16 is a bifacial knife distal. It has a damaged tip, an excurvate blade, missing shoulders and a missing stem and base. The cross section is biconvex with no

edge abrading and no beveling. Maximum dimensions are $5.0 \text{ cm} \times 2.8 \text{ cm} \times 0.8 \text{ cm}$ and it weighs 12.1 g. The raw material is Burlington chert, which is found locally. Microscopic examination revealed wear resulting from cutting meat with bone contact. This specimen is an unclassified type not associated with a specific cultural period.

Artifact 1-17 is a bifacial knife distal. It has a rounded tip, an excurvate blade, missing shoulders and a missing stem and base. The cross section is biconvex with no edge abrading and no beveling. Maximum dimensions are 4.1 cm x 3.9 cm x 0.7 cm and it weighs 14.6 g. The raw material is heat-treated Burlington chert, which is found locally. Microscopic examination revealed wear resulting from cutting meat with bone contact. This specimen is an unclassified type not associated with a specific cultural period.

Artifact 1-18 is a bifacial knife/scraper. It is an unstemmed specimen with a pointed tip, an excurvate blade, no notches, no shoulders and a damaged base. The cross section is biconvex with no edge abrading and beveling on the left edge of the blade. Maximum dimensions are 4.8 cm x 2.8 cm x 0.8 cm and it weighs 11.5 g. The raw material is Burlington chert, which is found locally. Microscopic examination revealed wear resulting from cutting meat without bone contact and from scraping wet hide. This specimen is an unclassified type not associated with a specific cultural period.

Artifact 1-19 is a bifacial knife distal. It has a pointed tip, an excurvate blade, missing shoulders and a missing stem and base. The cross section is biconvex with no edge abrading and no beveling. Maximum dimensions are 4.6 cm x 2.7 cm x 0.7 cm and it weighs 7.4 g. The raw material is heat-treated Burlington chert, which is found locally. Microscopic examination revealed wear resulting from cutting meat without bone contact. This specimen is an unclassified type not associated with a specific cultural period.

Artifact 1-20 is a bifacial knife distal. It has a pointed tip, an excurvate blade, missing shoulders and a missing stem and base. The cross section is plano-convex with no edge abrading and no beveling. Maximum dimensions are 3.2 cm x 3.2 cm x 0.7 cm and it weighs 4.9 g. The raw material is heat-treated Burlington chert, which is found locally. Microscopic examination revealed wear resulting from cutting meat without bone contact. This specimen is an unclassified type not associated with a specific cultural period.

Artifact 1-21 is a bifacial knife distal. It has a pointed tip, an excurvate blade, missing shoulders and a missing stem and base. The cross section is biconvex with no edge abrading and no beveling. Maximum dimensions are 2.8 cm x 3.4 cm x 0.5 cm and it weighs 4.3 g. The raw material is heat-treated Burlington chert, which is found locally. Microscopic examination revealed wear resulting from cutting meat without bone contact. This specimen is an unclassified type not associated with a specific cultural period.

Artifact 1-22 is a bifacial knife distal. It has a pointed tip, an excurvate blade, notching, no shoulders and a missing base. The cross section is biconvex with no edge abrading and no beveling. Maximum dimensions are $2.5 \text{ cm} \times 3.0 \text{ cm} \times 0.7 \text{ cm}$ and it weighs 4.5 g. The raw material is Burlington chert, which is found locally. Microscopic

examination revealed wear resulting from cutting meat with bone contact. This specimen is an unclassified type not associated with a specific cultural period.

Artifact 1-23 is a flake knife. Maximum dimensions are $7.0 \text{ cm} \times 2.0 \text{ cm} \times 0.7 \text{ cm}$ and it weighs 11.4 g. The raw material is heat-treated Burlington chert, which is found locally. Microscopic examination revealed wear resulting from cutting meat with bone contact. This is a true blade with two longitudinal arrises and much use polish and some edge crushing on margins. It resembles blades associated with the Woodland Period.

Artifact 1-25 is a bifacial knife. It is a parallel stem corner removed specimen with a missing tip, a damaged blade, barbed shoulders and a convex base. The cross section is biconvex with edge abrading on the base and stem but no beveling. Maximum dimensions are 5.4 cm x 4.2 cm x 0.9 cm and it weighs 24.3 g. The stem measures 1.5 cm x 2.3 cm and comprises about 28% of the total length of the specimen. The raw material is Jefferson City chert, which is found locally in the deeper valleys. Microscopic examination revealed wear resulting from cutting meat with bone contact. This specimen most closely resembles the Stone Square Stemmed type, which is associated with the Late Archaic Period.

Artifact 1-26 is a bifacial knife. It is an expanding stem corner removed specimen with a missing tip, a damaged blade, square shoulders and a convex base. The cross section is biconvex with edge abrading on the base and stem but no beveling. Maximum dimensions are 3.8 cm x 2.6 cm x 0.7 cm and it weighs 6.5 g. The stem measures 1.1 cm x 1.8 cm and comprises about 29% of the total length of the specimen. The raw material is heat-treated Burlington chert, which is found locally. Microscopic examination revealed wear resulting from cutting meat with bone contact. This specimen most closely resembles the Kings Corner Notched type, which is associated with the Late Archaic Period.

Artifact 1-27 is a stemmed biface proximal. It is a contracting stem specimen with a missing tip, a damaged blade, no notches, missing shoulders and a damaged base. The cross section is biconvex with heavy edge abrading on the stem but no beveling. Maximum dimensions are 6.3 cm x 3.0 cm x 0.6 cm and it weighs 12.6 g. The raw material is heat-treated Burlington chert, which is found locally. Microscopic examination revealed no evidence of use-wear. This specimen is an unclassified type, which may be associated with the Woodland Period. Some Woodland contracting stem bifaces exhibit heavy grinding on the stem. While the Early Archaic Hidden Valley points have well-ground stems, they also have fine pressure edge treatment, often with serrations, which the Woodland bifaces do not have. The edges on this specimen are too damaged to evaluate.

Artifact 1-28 is a bifacial knife midsection. It has a missing tip, a damaged blade, no notches, missing shoulders and a missing stem and base. The cross section is diamond-shaped with no edge abrading and no beveling. Maximum dimensions are $5.0 \, \mathrm{cm} \times 2.3 \, \mathrm{cm} \times 0.7 \, \mathrm{cm}$ and it weighs 7.6 g. The raw material is heat-treated Burlington chert, which is found locally. Microscopic examination revealed wear resulting from cutting meat with

bone contact. This specimen is an unclassified type, which exhibits fine, almost parallel, pressure flaking that suggests an Early Archaic affiliation.

Artifact 1-29 is a bifacial knife distal. It has a pointed tip, an excurvate blade, no notches, no shoulders and a missing stem and base. The cross section is biconvex with no edge abrading and no beveling. Maximum dimensions are 5.5 cm x 33.6 cm x 0.8 cm and it weighs 16.3 g. The raw material is Burlington chert, which is found locally. Microscopic examination revealed wear resulting from cutting meat with bone contact. This specimen is an unclassified type not associated with a specific cultural period.

Artifact 1-31 is a bifacial drill. It is an unstemmed specimen with a pointed tip, a straight blade, no notches, no shoulders and a straight base. The cross section is diamond-shaped with no edge abrading and no beveling. Maximum dimensions are 3.5 cm x 1.0 cm x 0.5 cm and it weighs 1.6 g. The raw material is an unidentified chert. Microscopic examination revealed wear resulting from perforating. This specimen is an unclassified type, which is often associated with the Woodland and Mississippi periods.

23DA369

23DA369 is a prehistoric habitation exhibiting evidence of Late Archaic, Middle Woodland and Mississippi Period occupations. It was recorded by Howard Wimmer in 1987 when he collected 7 artifacts weighing 32.2 g. These included 1 arrow point fragment (0.8 g), 1 arrow point (0.9 g), 1 stemmed biface fragment (14.2 g), 2 dart point fragments (9.9 g), 1 aborted preform fragment (1.7 g) and 1 flake scraper fragment (4.7 g).

Artifact 1-1 is a stemmed biface proximal. It is an expanding stem specimen with a missing tip, an excurvate blade, side notches, sloping shoulders and a convex base. The cross section is biconvex with no edge abrading and no beveling. Maximum dimensions are 4.2 cm x 3.0 cm x 0.9 cm and it weighs 14.2 g. The stem measures 1.4 cm x 2.7 cm and comprises about 33% of the total length of the specimen. The raw material is Burlington chert, which is found locally. Microscopic examination revealed wear resulting from battering. This specimen most closely resembles the Gibson type, which is associated with the Woodland Period.

Artifact 1-2 is a dart point stem. It is an expanding stem specimen with a missing tip, a straight blade, missing shoulders and a straight base. This is a thin dart point with an impact fracture and damage to both edges and barbs. The cross section is biconvex with edge abrading on the base and stem and no beveling. Maximum dimensions are 2.8 cm x 2.6 cm x 0.5 cm and it weighs 5.1 g. The stem measures 1.1 cm x 2.4 cm and comprises about 39% of the total length of the specimen. The raw material is heat-treated Burlington chert, which is found locally. Microscopic examination revealed no evidence of use-wear. This specimen is a variant of the Fairland type, which is associated with the Late Archaic Period. Most Fairland points have more concave bases.

Artifact 1-3 is a dart point stem. It is an expanding stem specimen with a missing tip, a straight blade, corner notches, square shoulders and a straight base. The tip has been carried away by an impact fracture. The cross section is biconvex with edge abrading on the base and stem but no beveling. Maximum dimensions are 2.6 cm x 2.1 cm x 0.6 cm and it weighs 4.8 g. The stem measures 1.0 cm x 2.1 cm and comprises about 38% of the total length of the specimen. The raw material is heat-treated Burlington chert, which is found locally. Microscopic examination revealed no use-wear. This specimen is extensively resharpened and most closely resembles the Kings Corner Notched type, which is associated with the Late Archaic Period.

Artifact 1-4 is an arrow point stem. It is an expanding stem specimen with a missing tip, a straight serrated blade, corner notches, barbed shoulders and a convex base. The cross section is biconvex with no edge abrading and no beveiling. Maximum dimensions are 1.5 cm x 1.0 cm x 0.4 cm and it weighs 0.8 g. The stem measures 0.5 cm x 0.9 cm and comprises about 33% of the total length of the specimen. The raw material is a variety of Reeds Spring chert found in McDonald County, Missouri. Microscopic examination revealed no evidence of use-wear. This specimen most closely resembles the Sequoyah type, which is associated with the Mississippi Period.

Artifact 1-5 is a aborted preform proximal. It is an unstemmed specimen with a missing blade, no notches, no shoulders and a missing base. The cross section is rhomboidal with no edge abrading and beveling on the left edge of the blade. Maximum dimensions are 2.2 cm x 1.3 cm x 0.4 cm and it weighs 1.7 g. The raw material is heat-treated Burlington chert, which is found locally. Microscopic examination revealed no evidence of use-wear. This is the distal portion of a preform for an arrow point.

Artifact 1-6 is a flake scraper. Maximum dimensions are 2.8 cm x 2.3 cm x 0.6 cm and it weighs 4.7 g. The raw material is Burlington chert, which is found locally. Microscopic examination revealed wear resulting from scraping dry hide. This specimen is an unclassified type not associated with a specific cultural period.

Artifact 1-7 is an arrow point. It is an expanding stem specimen with a pointed tip, an incurvate blade, side notches, square shoulders and a concave base. The cross section is biconvex with no edge abrading and no beveling. Maximum dimensions are 2.6 cm x 1.1 cm x 0.3 cm and it weighs 0.9 g. The stem measures 0.5 cm x 0.9 cm and comprises about 19% of the total length of the specimen. The raw material is heat-treated Burlington chert, which is found locally. Microscopic examination revealed no evidence of use-wear. This specimen most closely resembles the Sallisaw type, which is associated with the Mississippi Period.

23DA370

23DA370 is a prehistoric habitation exhibiting evidence of Late to Terminal Archaic and Late Woodland Period occupations. It was recorded by Howard Wimmer in 1987 when he collected 22 artifacts weighing 235.7 g. These included 2 biface fragments

(3.0 g), 11 bifacial knife fragments (129.2 g), 1 bifacial knife (21.0 g), 7 preform fragments (74.3 g) and 1 projectile point/knife fragment (8.2 g).

Artifact 1-1 is a bifacial knife proximal. It is a parallel stem specimen with a missing tip, a straight blade, square shoulders and a straight base. The cross section is plano-convex with edge abrading on the stem and no beveling. Maximum dimensions are 4.3 cm x 3.8 cm x 1.0 cm and it weighs 18.3 g. The stem measures 1.9 cm x 2.2 cm and comprises about 44% of the total length of the specimen. The raw material is Burlington chert, which is found locally. Microscopic examination revealed wear resulting from cutting meat with bone contact. This specimen most closely resembles the Stone Square Stemmed type, which is associated with the Late Archaic Period.

Artifact 1-2 is a bifacial knife proximal. It is a corner removed parallel stem specimen with a missing tip, a straight blade, square shoulders and a straight base. The cross section is biconvex with edge abrading on the stem and no beveling. Maximum dimensions are 4.8 cm x 3.4 cm x 0.9 cm and it weighs 19.4 g. The stem measures 1.5 cm x 2.0 cm and comprises about 31% of the total length of the specimen. The raw material is heat-treated Burlington chert, which is found locally. Microscopic examination revealed wear resulting from cutting meat with bone contact. This specimen most closely resembles the Stone Square Stemmed type, which is associated with the Late Archaic Period.

Artifact 1-3 is a projectile point/knife proximal. It is a parallel stem specimen with a missing tip, an excurvate blade, sloping shoulders and a straight base. The cross section is biconvex with edge abrading on the base and stem but no beveling. The tip has the impact carried away by an impact fracture. One shoulder is missing, possibly due to the impact fracture or to arduous dismembering activity. Maximum dimensions are 3.2 cm x 2.9 cm x 0.8 cm and it weighs 8.2 g. The stem measures 1.1 cm x 1.7 cm and comprises about 34% of the total length of the specimen. The raw material is heat-treated Burlington chert, which is found locally. Microscopic examination revealed wear resulting from cutting meat with bone contact. This specimen most closely resembles the Table Rock Stemmed type, which is associated with the Late Archaic Period.

Artifact 1-4 is a bifacial knife proximal. It is an expanding stem specimen with a missing tip, an excurvate blade, corner notches, barbed shoulders and a convex base. The cross section is biconvex with edge abrading on the base and stem but no beveling. Maximum dimensions are 3.7 cm x 3.5 cm x 0.9 cm and it weighs 13.9 g. The stem measures 1.4 cm x 2.7 cm and comprises about 38% of the total length of the specimen. The raw material is Burlington chert, which is found locally. Microscopic examination revealed wear resulting from cutting meat with bone contact. This specimen most closely resembles the Lander Corner Notched type, which is associated with the Woodland Period.

Artifact 1-5 is a bifacial knife proximal. It is an expanding stem specimen with a missing tip, a straight blade, shallow wide side notches, sloping shoulders and a concave

base. Both tangs are damaged. The cross section is biconvex with edge abrading on the Notches and no beveling. Maximum dimensions are 5.3 cm x 2.7 cm x 0.6 cm and it weighs 12.0 g. The stem measures 2.0 cm x 2.9 cm and comprises about 38% of the total length of the specimen. The raw material is Burlington chert, which is found locally. Microscopic examination revealed wear resulting from cutting meat without bone contact. This specimen most closely resembles the Rice Side Notched type, which is associated with the Late Woodland Period.

Artifact 1-6 is a bifacial knife proximal. It is a contracting stem specimen with a missing tip, a recurved blade, sloping shoulders and a concave base. The cross section is biconvex with edge abrading on the base and stem but no beveling. Maximum dimensions are 3.8 cm x 3.7 cm x 0.9 cm and it weighs 13.4 g. The stem measures 1.8 cm x 2.9 cm and comprises about 47% of the total length of the specimen. The raw material is heat-treated Burlington chert, which is found locally. Microscopic examination revealed wear resulting from cutting meat without bone contact. This specimen most closely resembles the Standlee type, which begins during the Terminal Archaic, but is most common in Woodland times.

Artifact 1-7 is a bifacial knife proximal. It is a contracting stem specimen with a missing tip, a recurved blade, sloping shoulders and a straight base. The cross section is biconvex with edge abrading on the base and stem but no beveling. Maximum dimensions are 4.4 cm x 3.6 cm x 0.8 cm and it weighs 10.3 g. The stem measures 1.7 cm x 2.9 cm and comprises about 39% of the total length of the specimen. The raw material is heat-treated Jefferson City chert, which is found locally in the deeper valleys. Microscopic examination revealed wear resulting from cutting meat without bone contact. This specimen most closely resembles the Standlee type, which is associated with the Woodland Period.

Artifact 1-8 is a bifacial knife midsection. It has a missing tip, a recurved blade, corner notches, barbed shoulders and a missing stem and base. The cross section is biconvex with no edge abrading and no beveling. Maximum dimensions are 2.9 cm x 3.1 cm x 0.7 cm and it weighs 7.9 g. The raw material is heat-treated Burlington chert, which is found locally. Microscopic examination revealed wear resulting from cutting meat with bone contact. This specimen is an unclassified type not associated with a specific cultural period.

Artifact 1-9 is a bifacial knife distal. It has a pointed tip, an excurvate blade. The shoulders, stem and base are missing. The cross section is plano-convex with no edge abrading and no beveling. Maximum dimensions are $4.5 \text{ cm } \times 3.1 \text{ cm } \times 0.7 \text{ cm}$ and it weighs 8.0 g. The raw material is heat-treated Burlington chert, which is found locally. Microscopic examination revealed wear resulting from cutting meat with bone contact. This specimen is an unclassified type not associated with a specific cultural period.

Artifact 1-10 is a bifacial knife midsection. It has a straight blade, but the tip, shoulders stem and base are missing. The cross section is biconvex with no edge abrading

and no beveling. Maximum dimensions are $4.9 \text{ cm} \times 3.0 \text{ cm} \times 0.7 \text{ cm}$ and it weighs 13.9 g. The raw material is Jefferson City chert, which is found locally in the deeper valleys. Microscopic examination revealed wear resulting from cutting meat without bone contact. This specimen is an unclassified type not associated with a specific cultural period.

Artifact 1-11 is a bifacial knife midsection. It has an excurvate blade, but the tip, shoulders, stem and base are missing. The cross section is biconvex with no edge abrading and no beveling. Maximum dimensions are 3.7 cm x 2.3 cm x 0.8 cm and it weighs 7.2 g. The raw material is heat-treated Burlington chert, which is found locally. Microscopic examination revealed wear resulting from cutting meat without bone contact. This specimen is an unclassified type not associated with a specific cultural period.

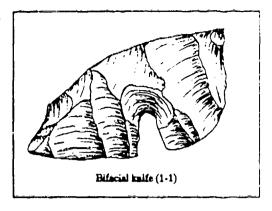
Artifact 1-12 is a bifacial knife tip. It has a broad tip, an excurvate blade, but the shoulders, stem and base are missing. The cross section is biconvex with no edge abrading and no beveling. Maximum dimensions are 2.7 cm x 3.3 cm x 0.7 cm and it weighs 4.9 g. The raw material is heat-treated Burlington chert, which is found locally. Microscopic examination revealed wear resulting from cutting meat without bone contact. This specimen is an unclassified type not associated with a specific cultural period.

Artifact 1-13 is a bifacial knife. This is a small heat treated pebble that has been bifacially flaked to a sharp edge on the base part. The cross section is not identifiable and there is no edge abrading or beveling. Maximum dimensions are 3.7 cm x 4.0 cm x 1.8 cm and it weighs 21.0 g. The raw material is heat-treated oolitic Jefferson City chert, which is found locally in the deeper valleys. Microscopic examination revealed wear resulting from cutting meat without bone contact. This specimen is an unclassified type not associated with a specific cultural period. Cortex still appears at the opposite end where the thickness is greatest.

23DA371

23DA371 is a prehistoric habitation exhibiting evidence of Middle to Terminal Archaic, Middle to Late Woodland and Early Mississippi Period occupations. It was recorded by Howard Wimmer in 1987 when he collected 285 artifacts weighing 5,646.1 g. These included 2 flat abraders (1,175.8 g), 3 adze fragments (56.7 g), 2 adzes (163.0 g), 4 arrow points (6.4 g), 8 biface fragments (46.2 g), 18 stemmed biface fragments (73.0 g), 2 stemmed biface (17.1 g), 1 unstemmed biface fragment (24.0 g), 2 tested cobbles (195.4 g), 1 core (86.6 g), 8 dart point fragments (65.8 g), 2 dart points (19.1 g), 2 bifacial drill fragments (11.5 g), 1 bifacial drill (4.2 g), 73 bifacial knife fragments (602.2 g), 27 bifacial knives (395.6 g), 1 knife/scraper (12.7 g), 1 knife/flake scraper fragment (18.0 g), 105 preform fragments (2,231.4 g), 1 preform (31.4 g), 4 projectile point/knife fragments (24.0 g), 4 projectile point/knives (46.0 g), 1 bifacial end scraper fragment (27.6 g), 3 bifacial end scraper (56.1 g), 1 scraper, bifacial fragment (27.7 g), 2 bifacial side scrapers fragment (44.7 g), 1 bifacial side scraper (8.7 g), 1 core scraper (55.9 g), 3 flake scrapers (84.8 g) and 1 flake scraper fragment (34.5 g).

Artifact 1-1 is a bifacial knife proximal. It is an expanding stem specimen with a missing tip and blade, basal notches, barbed shoulders and a staight base. The cross section is biconvex with no edge abrading and no beveling. Maximum dimensions are 3.3 cm x 5.3 cm x 0.8 cm and it weighs 13.0 g. The stem measures 1.0 cm x 3.0 cm and comprises about 30% of the total length of the specimen. The raw material is heat-treated Jefferson City chert, which is found locally in the deeper valleys. Microscopic examination



revealed wear resulting from cutting meat with bone contact. This is an unusual type featuring narrow basal notches, massive barbs and a very wide thin blade. The notches are too narrow and the stem too expanding to fit into the Ouachita type and the stem is too short and barbs too rounded to represent the Smith type. Its thinness and broad blade suggests a Woodland affiliation.

Artifact 1-2 is a bifacial knife proximal. It is an expanding stem specimen with a missing tip, an excurvate blade, basal notches, barbed shoulders and a straight base. The cross section is biconvex with no edge abrading and no beveling. Maximum dimensions are 3.5 cm x 3.8 cm x 0.7 cm and it weighs 10.3 g. The stem measures 0.5 cm x 2.0 cm and comprises about 14% of the total length of the specimen. The raw material is heat-treated Burlington chert, which is found locally. Microscopic examination revealed wear resulting from cutting meat with bone contact. This specimen is the same type as 1-1, but the notches are more shallow.



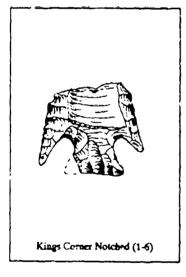
Artifact 1-3 is a bifacial knife. It is a corner removed contracting stem specimen with a missing tip, an excurvate blade, sloping shoulders and a concave base. The cross section is biconvex with no edge abrading and no beveling. Maximum dimensions are 5.4 cm x 3.4 cm x 0.8 cm and it weighs 15.9 g. The stem measures 1.5 cm x 2.0 cm and comprises about 28% of the total length of the specimen. The raw material is heat-treated Burlington chert, which is found locally. Microscopic examination revealed wear resulting from cutting meat without bone contact. This specimen most closely resembles the Langtry type, which is associated with the Late Archaic through Woodland periods.

Artifact 1-4 is a bifacial knife proximal. It is an expanding stem specimen with a missing tip, an excurvate blade, corner notches, barbed shoulders and a convex base. The cross section is biconvex with no edge abrading and no beveling. Maximum dimensions are 3.7 cm x 4.9 cm x 1.0 cm and it weighs 16.6 g. The stem measures 1.5 cm x 3.3 cm and comprises about 41% of the total length of the specimen. The raw material is heat-

treated Burlington chert, which is found locally. Microscopic examination revealed wear resulting from cutting meat without bone contact. This specimen most closely resembles the Stone Corner Notched type, which is associated with the Late Archaic Period.

Artifact 1-5 is a projectile point/knite stem. It is a corner removed parallel stem specimen with a missing tip, an incurvate blade, barbed shoulders and a straight base. The tip has been carried away by an impact fracture. The cross section is biconvex with edge abrading on the base and stem and no beveling. Maximum dimensions are 3.5 cm x 3.0 cm x 0.6 cm and it weighs 6.8 g. The stem measures 1.1 cm x 2.0 cm and comprises about 31% of the total length of the specimen. The raw material is heat-treated Burlington chert, which is found locally. Microscopic examination revealed wear resulting from cutting meat without bone contact. This specimen most closely resembles the Stone Square Stemmed-like type, which is associated with the Late Archaic Pariod.





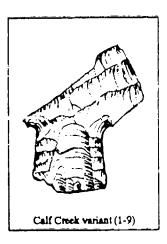
Artifact 1-6 is a projectile point/knife stem. It is an expanding stem specimen with a missing tip, a straight blade, corner notches, barbed shoulders and a straight base. The tip and part of the blade have been carried away by an impact fracture. The cross section is biconvex with edge abrading on the base and no beveling. Maximum dimensions are 2.3 cm x 3.8 cm x 0.6 cm and it weighs 3.4 g. The stem measures 0.9 cm x 1.1 cm and comprises about 39% of the total length of the specimen. The raw material is heat-treated Burlington chert, which is found locally. Microscopic examination revealed wear resulting from cutting meat without bone contact. This specimen most closely resembles the Kings Corner Notched type, which is associated with the Late Archaic Period.

Artifact 1-7 is a dart point stem. It is a corner removed contracting stem specimen with a missing tip, a straight blade, sloping shoulders and a concave base. The tip has been carried away by an impact fracture. The cross section is biconvex with edge abrading on the base and stem and no beveling. Maximum dimensions are 4.8 cm x 3.4 cm x 0.8 cm and it weighs 12.6 g. The stem measures 2.0 cm x 2.1 cm and comprises about 42% of the total length of the specimen. The raw material is heat-treated Burlington chert, which is found locally. Microscopic examination revealed no use-wear. This specimen most closely resembles the Langtry type, which is associated with the Late Archaic through Woodland periods.

Artifact 1-8 is a dart point stem. It is a corner removed contracting stem specimen with a missing tip, a damaged blade, missing shoulders and a concave base. The tip has

been carried away by an impact fracture. The cross section is biconvex with edge abrading on the sum and no beveling. Maximum dimensions are $4.1 \text{ cm } \times 3.0 \text{ cm } \times 0.7 \text{ cm}$ and it weighs 8.5 g. The stem measures $1.8 \text{ cm } \times 2.0 \text{ cm}$ and comprises about 44% of the total length of the specimen. The raw material is heat-treated Burlington chert, which is found locally. Microscopic examination revealed no use-wear. This specimen most closely resembles the Langtry type, which is associated with the Late Archaic through Woodland periods.

Artifact 1-9 is a bifacial knife proximal. It is a parallel stem specimen with a missing tip, a damaged blade, basal notches, barbed shoulders and a straight base. The cross section is biconvex with no edge abrading and no beveling. Maximum dimensions are 4.0 cm x 3.2 cm x 0.9 cm and it weighs 8.8 g. The stem measures 1.8 cm x 2.0 cm and comprises about 45% of the total length of the specimen. The raw material is heattreated Jefferson City, which is found locally in the deeper valleys. Microscopic examination revealed wear resulting from cutting meat with bone contact. This specimen is a variant of the Calf Creek variant type, which is associated with the Middle Archaic Period.





Artifact 1-10 is a stemmed biface proximal. It is an expanding stem specimen with a missing tip and blade, side notches, square shoulders and a convex base. The cross section is biconvex with edge abrading on the base but no beveling. Maximum dimensions are 3.1 m x 3.6 cm x 0.8 cm and it weighs 11.9 g. The stem measures 1.4 cm x 3.2 cm and comprises about 45% of the total length of the specimen. The raw material is heat-treated Burlington chert, which is found locally. Microscopic examination revealed no evidence of use-wear. This specimen most closely resembles the Big Creek type, which is associated with the Late Archaic Period.

Artifact 1-11 is a bifacial knife. It is an expanding stem specimen with a missing tip, a damaged blade, corner notches, barbed shoulders and a straight base. The cross section is diamond-shaped with no edge abrading and no beveling. Maximum dimensions are 4.0 cm x 2.6 cm x 1.2 cm and it weighs 13.4 g. The stem measures 1.1 cm x 1.7 cm and comprises about 28% of the total length of the specimen. The raw material is Jefferson City chert, which is found locally in the deeper valleys. Microscopic examination revealed wear resulting from cutting meat with bone contact. This specimen most closely resembles the Kings Corner Notched type, which is associated with the Late Archaic Period. It is unusually thick and crude because the chert was difficult to work.



Artifact 1-12 is a bifacial knife proximal. It is a parallel stem specimen with a missing tip, a damaged blade, barbed shoulders and a straight base. The cross section is biconvex with edge abrading on the base and stem and no beveling. Maximum dimensions are 2.6 cm x 2.7 cm x 0.7 cm and it weighs 5.5 g. The stem measures 1.2 cm x 1.9 cm and comprises about 46% of the total length of the specimen. The raw material is heat-treated Burlington chert, which is found locally. Microscopic examination revealed wear resulting from cutting meat with bone contact. This specimen is a variant of the Stone Square Stemmed type, which is associated with the Late Archaic Period.



Artifact 1-13 is a bifacial knit, proximal. It is a parallel stem specimen with a missing tip, a straight blade, basal notches, barbed shoulders and a straight base. The cross section is biconvex with edge abrading on the base and no beveling. Maximum dimensions are 3.8 cm x 2.3 cm x 0.8 cm and it weighs 7.6 g. The stem measures 1.1 cm ... 0.0 cm and comprises about 29% of the total length of the specimen. The raw material is Burlington chert, which is found locally. Microscopic examination revealed wear resulting from cutting meat with bone contact. This specimen most closely resembles the Marshall type, which is associated with the Late Archaic Period.

Artifact 1-14 is a bifacial end scraper. It is an expanding stem specimen with a missing tip, a damaged blade, side notches, no shoulders and a concave base. The cross section is unidentifiable with edge abrading on the base and no beveling. Maximum dimensions are 2.8 cm x 2.8 cm x 0.8 cm and it weighs 7.3 g. The stem measures 1.0 cm x 2.7 cm and comprises about 36% of the total length of the specimen. The raw material is Burlington chert, which is found locally. Microscopic examination revealed wear resulting from scraping wet hide. This specimen is a broken unrecognized side notched point that has been reworked into scraper by unifacial percussion work. It is an unclassified type not associated with a specific cultural period.

Artifact 1-15 is a bifacial knife. It is an unstemmed specimen with a missing tip, a damaged blade, no notches, no shoulders and a convex base. The cross section is biconvex with no edge abrading and no beveling. Maximum dimensions are 3.9 cm x 2.3 cm x 0.9 cm and it weighs 9.7 g. The raw material is heat-treated Burlington chert, which is found locally. Microscopic examination revealed wear resulting from cutting meat with bone contact. This specimen is an unclassified type not associated with a cultural period.

Artifact 1-16 is a biface stem. It is a corner removed contracting stem specimen with a missing tip and blade, missing shoulders and a straight base. The cross section is biconvex with edge abrading on the stem and no beveling. Maximum dimensions are 2.2 cm x 2.8 cm x 0.7 cm and it weighs 4.0 g. The stem measures 1.8 cm x 2.0 cm and comprises about 82% of the total length of the specimen. The raw material is heat-treated Burlington chert, which is found locally. Microscopic examination revealed no evidence

of use-wear. This specimen most closely resembles the Langtry type, which is associated with the Late Archaic through Woodland periods.

Artifacts cataloged as 1-17 include five biface stems. These items have expanding stems with missing tips and blades, corner notches, barbed shoulders and missing bases. No edge abrading and no beveling are present. The raw material is heat-treated Burlington chert, which is found locally. Microscopic examination revealed no evidence of use-wear. These specimens most closely resemble the Big Creek type, which is associated with the Late Archaic Period.

Artifacts cataloged as 1-18 include ten bifacial knife midsections. All have missing tips, damaged blades, no shoulders and missing stems and bases. Cross sections are biconvex with no edge abrading and no beveling. Raw materials include heat-treated Jefferson City and heat-treated Burlington cherts, both of which are found locally. Microscopic examination revealed that these tools were used to out meat with bone contact. These specimens are of an unclassified type not associated with a specific cultural period.

Artifacts cataloged as 1-20 include three bifacial knife midsections. All have missing tips, damaged blades, no shoulders and missing atems and bases. None exhibit edge abrading or beveling. The raw material is hear-treated Burlington chert, which is found locally. Microscopic examination revealed wear resulting from cutting meat with bone contact. These specimens are of an unclassified type not associated with a specific cultural period.

Artifact 1-25 is an adze bit. It is an unstemmed specimen with a rounded tip, an excurvate blade, no notches, no shoulders and a convex base. The cross section is planoconvex with no edge abrading and no beveling. Maximum dimensions are 2.9 cm x 3.9 cm x 1.0 cm and it weights 11.9 g. The raw material is unidentified heat-treated yellowish chert that is similar to some Kansas types. Microscopic examination revealed wear resulting from cutting wood. This specimen is exhausted and is an unclassified type not associated with a specific cultural period.

Artifact 1-26 is an adze proximal. It is an unstemmed specimen with a missing tip, an excurvate blade, no shoulders and a convex base. The cross section is plano-convex with no edge abrading and no beveling. Maximum dimensions are 4.0 cm x 3.0 cm x 1.2 cm and it weighs 15.5 g. The raw material is heat-treated Burlington chert, which is found locally. Microscopic examination revealed wear resulting from cutting wood. This specimen is exhausted and is an unclassified type not associated with a specific cultural period.

Artifact 1-27 is an adze proximal. It is an unstemmed specimen with a missing tip, an excurvate blade, no shoulders and a convex base. The cross section is biconvex with no edge abrading and no beveling. Maximum dimensions are 4.1 cm x 4.1 cm x 1.5 cm and it weighs 29.3 g. The raw material is heat-treated Burlington chert, which is found

locally. Microscopic examination revealed wear resulting from cutting wood. This specimen is exhausted and is an unclassified type that resembles adzes found in the Middle Woodland deposits at the Albertson site (3BE174; Dickson 1991:118).

Artifact 1-29 is a bifacial knife. It is an expanding stem specimen with a missing tip, an excurvate blade, corner notches, barbed shoulders and a convex base. The cross section is biconvex with no edge abrading and no beveling. Maximum dimensions are 4.8 cm x 4.9 cm x 0.9 cm and it weighs 23.2 g. The stem measures 1.4 cm x 3.0 cm and comprises about 29% of the total length of the specimen. The raw material is heat-treated Burlington chert, which is found locally. Microscopic examination revealed wear resulting from cutting meat with bone contact. This specimen most closely resembles the Snyders type, which is associated with the Middle Woodland Period.





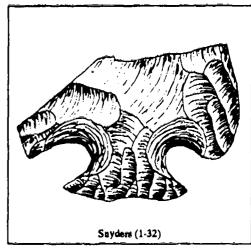
Artifact 1-30 is a bifacial knife. It is an expanding stem specimen with a missing tip, a damaged blade, corner notches, barbed shoulders and a convex base. The cross section is biconvex with no edge abrading and no beveling. Maximum dimensions are 3.9 cm x 4.4 cm x 0.8 cm and it weighs 13.6 g. The stem measures 1.6 cm x 3.2 cm and comprises about 41% of the total length of the specimen. The raw material is an unidentified very fossiliferous brown and tan heat-treated chert that which is not found locally. Microscopic examination revealed wear resulting from cutting meat with bone contact. This specimen most closely resembles the Snyders type, which is associated with the Middie Woodland Period.

Artifact 1-31 is a bifacial knife. It is an expanding stem specimen with a missing tip, a damaged blade, comer notches, barbed shoulders and a convex base. The cross section is biconvex with edge abrading on the base and stem and no beveling. Maximum dimensions are 3.5 cm x 4.5 cm x 1.0 cm and it weighs 16.9 g. The stem measures 1.5 cm x 3.4 cm and comprises about 43% of the total length of the specimen. The raw material is heat-treated Burlington chert, which is found locally. Microscopic examination revealed wear resulting from cutting meat with bone contact. This specimen most closely resembles the Snyders type, which is associated with the Middle Woodland Period.

Artifact 1-32 is a bifacial knife proximal. It is an expanding stem specimen with a missing tip, a damaged blade, corner notches, barbed shoulders and a convex base. The cross section is plano-convex with no edge abrading and one unifacially beveled edge that has not been completely reduced. Maximum dimensions are 4.0 cm x 5.7 cm x 1.0 cm and

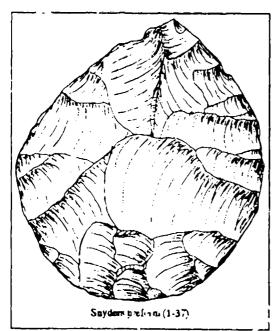
it weighs 22.2 g. The stem measures 1.4 cm x 3.3 cm and comprises about 35% of the total length of the specimen. The raw material is heat-treated Burlington chert, which is found locally. Microscopic examination revealed no evidence of use-wear. This specimen most closely resembles the Snyders type, which is associated with the Middle Woodland Period. Apparently, it was broken in manufacture.

Artifact 1-33 is a bifacial knife proximal. It is an expanding stem specimen with a missing tip, a damaged blade, corner notches, barbed



shoulders (one missing) and a convex base with missing tangs. Potlid fractures are present, indicating exposure to heat after manufacture. The cross section is biconvex with edge abrading on the base but no beveling. Maximum dimensions are 3.1 cm x 4.4 cm x 0.7 cm and it weighs 9.4 g. The stem measures 1.4 cm x 2.7 cm and comprises about 45% of the total length of the specimen. The raw material is heat-treated Burlington chert, which is found locally. Microscopic examination revealed wear resulting from cutting meat with bone contact. This specimen most closely resembles the Snyders type, which is associated with the Middle Woodland Period.

Artifact 1-34 is a bifacial knife proximal. It is an expanding stem specimen with a missing tip, a damaged blade, corner notches, barbed shoulders and a convex base. The cross section is biconvex with no edge abrading and no beveling. Maximum dimensions are 4.1 cm x 3.8 cm x 0.7 cm and it weighs 12.6 g. The stem measures 1.2 cm x 2.9 cm and comprises about 29% of the total length of the specimen. The raw material is heat-trea 1 Burlington chert, which is found locally. Microscopic examination revealed wear



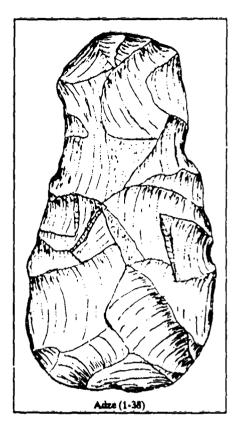
resulting from cutting meat with bone contact. This specimen most closely resembles the Snyders type, which is associated with the Middle Woodland Period.

Artifact 1-37 is a bifacial knife. It is an unstemmed specimen with a pointed tip, an excurvate blade, no notches, no shoulders and a convex base. The cross section is biconvex with no edge abrading and no beveling.

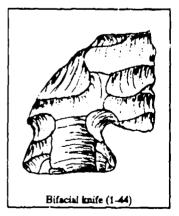
Maximum dimensions are 7.3 cm x 6.0 cm x 1.6 cm and it weighs 60.3 g. The raw material is heat-treated Burlington chert, which is found locally. Microscopic examination revealed wear resulting from cutting meat without bone contact. This specimen may be a preform for a Woodland Period Suyders point.

Artifact 1-38 is an adze. It is an unstemmed specimen with a rounded tip, an excurvate blade, no shoulders and a convex base. The cross section is plano-convex with no edge abrading and no beveling. Maximum dimensions are 9.3 cm x 4.8 cm x 2.2 cm and it weighs 86.8 g. The raw material is Burlington chert, which is found locally. Microscopic examination revealed wear resulting from cutting wood as well as some battering. This specimen is an unclassified type not associated with a specific cultural period.

Artifacts cataloged as 1-40 include 17 bifacial knife midsections. All have missing tips, excurvate blades, no shoulders and missing stems and bases. None exhibit edge abrading or beveling. Raw materials include heat-treated Jefferson City and Burlington chert (both heat-treated and non heat-treated) both of which are found locally. Microscopic examination revealed wear resulting from cutting meat with bone contact. These specimens are an unclassified type not associated with a specific cultural period.



Artifact 1-42 is a bifacial knife distal. It has a broad tip, an excurvate blade and is missing the entire proximal portion. The cross section is biconvex with no edge abrading and no beveling. Maximum dimensions are 4.2 cm x 5.2 cm x 1.0 cm and it weighs 22.7 g. The raw material is Burlington chert, which is found locally. Microscopic examination revealed wear resulting from cutting meat with bone contact. This specimen is an unclassified type not associated with a specific cultural period.



Artifact 1-44 is a bifacial knife. It is an expanding stem specimen with a missing tip, a straight blade, corner notches, barbed shoulders and a recurved base. The cross section is biconvex with edge abrading on the base and stem and no beveling. Maximum dimensions are 3.7 cm x 3.5 cm x 0.9 cm and it weighs 11.7 g. The stem measures 1.3 cm x 2.5 cm and comprises about 35% of the total length of the specimen. The raw material is heat-treated Burlington chert, which is found locally. Microscopic examination revealed no use-wear but some battering. This specimen is an unclassified type, which resembles others associated with the Middle Archaic Period.

The lobed base suggests the Rice type, but there is no beveling or serrating. There is some similarity to the Jakie type, but the latter usually has a more concave base. Comparable specimens were found in Middle Archaic levels at the Pohly site (34MY54) in Mayes County, Oklahoma (Ray 1965:Plate 16, 9-12).

Artifact 1-45 is a bifacial knife proximal. It is an expanding stem specimen with a missing tip and blade, corner notches, barbed shoulders and a recurved base. The cross section is biconvex with edge abrading on the base and stem and no beveling. Maximum dimensions are 2.0 cm x 3.8 cm x 0.7 cm and it weighs 7.6 g. The stem measures 1.3 cm x 2.7 cm and comprises about 65% of the total length of the specimen. The raw material is heat-treated Burlington chert, which is found locally. Microscopic examination revealed no evidence of use-wear. This specimen is an unclassified type, that resembles others associated with the Middle Archaic Period.

Artifact 1-46 is a bifacial knife proximal. It is an expanding stem specimen with a missing tip, a damaged blade, corner notches, barbed shoulders and a recurved base. The cross section is biconvex with no edge abrading and no beveling. Maximum dimensions are 3.7 cm x 3.9 cm x 0.9 cm and it weighs 12.4 g. The stem measures 1.2 cm x 2.4 cm and comprises about 32% of the total length of the specimen. The raw material is Burlington chert, which is found locally. Microscopic examination revealed no evidence of use-wear. This specimen is an unclassified type, that resembles others associated with the Middle Archaic Period.

Artifact 1-47 is a bifacial knife proximal. It is an expanding stem specimen with a missing tip, a damaged blade, corner notches, barbed shoulders and a convex base. The cross section is biconvex with no edge abrading and no beveling. Maximum dimensions are 2.9 cm x 3.3 cm x 0.7 cm and it weighs 5.1 g. The stem measures 1.2 cm x 2.3 cm and comprises about 41% of the total length of the specimen. The raw material is Reeds Spring chert, which is found in southwest Missouri and northwest Arkansas into northeast Oklahoma and extreme southeast Kansas. Microscopic examination revealed wear resulting from cutting meat with bone contact. This specimen most closely resembles the Snyders type, which is associated with the Middle Woodland Period, although the tangs are more rounded and notches slightly narrower than in typical Snyders bifaces.

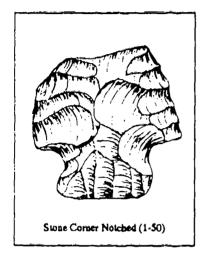
Artifact 1-48 is a bifacial knife. It is an expanding stem specimen with a missing tip and blade, corner notches, barbed shoulders and a convex vase. The cross section is biconvex with no edge abrading and no beveling. Maximum dimensions are 2.5 cm x 3.0 cm x 0.7 cm and it weighs 6.4 g. The stem measures 1.3 cm x 2.5 cm and comprises about 52% of the total length of the specimen. The raw material is

Burlington chert, which is found locally. Microscopic examination revealed no evidence of use-wear. This specimen most closely resembles the Snyders type, which is associated with the Middle Woodland Period.

Artifact 1-49 is a bifacial knife. It is an expanding stem specimen with a missing tip, an excurvate blade, side notches, square shoulders and a convex base. The tip has been carried away by an impact fracture. The cross section is biconvex with edge abrading on the base and stem and no beveling. Maximum dimensions are 3.8



cm x 2.6 cm x 0.8 cm and it weighs 9.1 g. The stem measures 3.3 cm x 2.2 cm and comprises about 87% of the total length of the specimen. The raw material is heat-treated Burlington chert, which is found locally. Microscopic examination revealed wear resulting from cutting meat with bone contact. This specimen most closely resembles the Steuben type, which is associated with the Woodland Period.



Artifact 1-50 is a bifacial knife/scraper. It is an expanding stem specimen with a missing tip, an excurvate blade, corner notches, square shoulders and a straight base. The cross section is biconvex with edge abrading on the base and stem and no beveling. Maximum dimensions are 3.7 cm x 4.0 cm x 0.8 cm and it weighs 12.7 g. The stem measures 1.2 cm x 2.6 cm and comprises about 32% of the total length of the specimen. The raw material is Burlington chert, which is found locally. Microscopic examination revealed wear resulting from cutting meat with bone contact and from scraping wet hide. This specimen most closely resembles the Stone Corner Notched type, which is associated with the Late Archaic Period.

Artifact 1-51 is a bifacial knife proximal. It is a contracting stem specimen with a missing tip and blade, sloping shoulders and a concave base. The cross section is biconvex with edge abrading on the base and stem but no beveling. Maximum dimensions are 5.9 cm x 2.6 cm x 0.6 cm and it weighs 10.7 g. The stem measures 2.0 cm x 2.2 cm and comprises about 34% of the total length of the specimen. The raw material is unidentified tan and light gray chert with gray inclusions. Microscopic examination revealed wear resulting from cutting meat with bone contact. This specimen most closely resembles the Langtry type, which is associated with the Late Archaic through Woodland periods.

Artifact 1-52 is a bifacial knife proximal. It is a corner removed contracting stem specimen with a missing tip, a damaged blade, sloping shoulders and a concave base. The cross section is biconvex with no edge abrading and no beveling. Maximum dimensions are 3.4 cm x 2.8 cm x 0.6 cm and it weighs 6.6 g. The stem measures 1.7 cm x 2.0 cm and comprises 50% of the total length of the specimen. The raw material is heat-treated

Burlington chert, which is found locally. Microscopic examination revealed wear resulting from cutting meat without bone contact. This specimen most closely resembles the Langtry type, which is associated with the Late Archaic through Woodland periods.

Artifact 1-53 is a bifacial knife proximal. It is a contracting stem specimen with a missing tip and blade, square shoulders and a straight base. The cross section is biconvex with edge abrading on the base and stem but no beveling. Maximum dimensions are 2.9 cm x 4.0 cm x 0.7



cm and it weighs 6.9 g. The stem measures 2.0 cm x 2.0 cm and comprises about 69% of the total length of the specimen. The raw material is heat-treated Burlington chert, which is found locally. Microscopic examination revealed no evidence of use-wear. This specimen most closely resembles the Dickson type, which is associated with the Middle Woodland Period.

Artifact 1-54 is a bifacial knife proximal. It is a contracting stem specimen with a missing tip, a damaged blade, sloping shoulders and a straight base. The cross section is plano-convex with edge abrading on the stem but no beveling. Maximum dimensions are 4.0 cm x 3.2 cm x 0.6 cm and it weighs 7.2 g. The stem measures 1.8 cm x 2.0 cm and comprises about 45% of the total length of the specimen. The raw material is Burlington chert, which is found locally. Microscopic examination revealed wear resulting from cutting meat without bone contact. This specimen most closely resembles the Dickson type, which is associated with the Middle Woodland Period.



Artifact 1-55 is a bifacial knife. It is a contracting stem specimen with a missing tip, a damaged blade, sloping shoulders and a concave base. The cross section is diamond-shaped with edge abrading on the base and stem and beveling on the left edge of the blade. Maximum dimensions are 4.1 cm x 3.3 cm x 0.7 cm and it weighs 8.0 g. The stem measures 1.6 cm x 2.3 cm and comprises about 39% of the total length of the specimen. The raw material is heat-treated Burlington chert, which is found locally. Microscopic examination revealed wear resulting from cutting meat with bone contact. This specimen most closely resembles the Standlee type, which is associated with the Woodland Period.

Artifact 1-56 is a bifacial knife. It is a contracting stem specimen with a missing tip, a damaged blade, sloping shoulders and a concave base. The cross section is biconvex with edge abrading on the stem but no beveling. Maximum dimensions are 4.4 cm x 3.7 cm x 0.7 cm and it weighs 12.3 g. The stem measures 1.5 cm x 2.4 cm and comprises about 34% of the total length of the specimen. The raw material is heat-treated Burlington chert, which is found locally. Microscopic examination revealed wear resulting from cutting meat with bone contact. This specimen most closely resembles the Standlee type, which is associated with the Woodland Period.



Artifact 1-57 is a bifacial knife proximal. It is a contracting stem specimen with a missing tip, a damaged blade, sloping shoulders and a straight base. The cross section is biconvex with no edge abrading and no beveling. Maximum dimensions are $4.5 \text{ cm } \times 4.0 \text{ cm } \times 0.7 \text{ cm}$ and it weighs 11.2 g. The stem measures $2.2 \text{ cm } \times 2.9 \text{ cm}$ and comprises

about 49% of the total length of the specimen. The raw material is an unidentified chert. Microscopic examination revealed wear resulting from cutting meat with bone contact. This specimen most closely resembles the Standlee type, which is associated with the Woodland Period.

Artifact 1-58 is a projectile point/knife. It is a contracting stem specimen with a missing tip, a damaged blade, sloping shoulders and a straight base. The tip has been carried away by an impact fracture. The cross section is biconvex with no edge abrading and no beveling. Maximum dimensions are 4.2 cm x 3.0 cm x 0.7 cm and it weighs 7.3 g. The stem measures 1.3 cm x 1.7 cm and comprises about 31% of the total length of the specimen. The raw material is heat-treated Jefferson City chert, which is found locally in the deeper valleys. Microscopic examination revealed wear resulting from cutting meat with bone contact. This specimen most closely resembles the Langtry type, which is associated with the Late Archaic through Woodland periods.

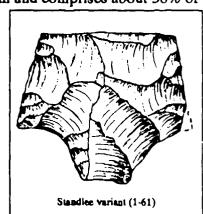


Artifact 1-59 is a bifacial knife. It is a corner removed contracting stem specimen with a missing tip, a damaged blade, sloping shoulders and a concave base. The cross section is planoconvex with edge abrading on the stem but no beveling. Maximum dimensions are 5.3 cm x 2.2 cm x 0.8 cm and it weighs 9.4 g. The stem measures 1.6 cm x 1.8 cm and comprises about 30% of the total length of the specimen. The raw material is heat-treated Burlington chert, which is found locally. Microscopic examination revealed wear resulting from cutting meat with bone contact. This specimen most closely resembles the Langtry type, which is associated with the Late Archaic through Woodland periods.

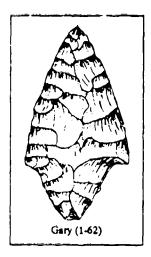
Artifact 1-60 is a dart point. It is a corner removed contracting stem specimen with a missing tip, a damaged blade, sloping shoulders and a concave base. The tip has been carried away by an impact fracture. The cross section is biconvex with edge abrading on the stem and no beveling. Maximum dimensions are $3.7 \, \text{cm} \times 2.5 \, \text{cm} \times 0.9$ cm and it weighs $8.3 \, \text{g}$. The stem measures $1.4 \, \text{cm} \times 1.9 \, \text{cm}$ and comprises about 38% of

the total length of the specimen. The raw material is Burlington chert, which is found locally. Microscopic examination revealed no use-wear. This specimen most closely resembles the Langtry type, which is associated with the Late Archaic through Woodland periods.

Artifact 1-61 is a bifacial knife. It is a corner removed contracting stem specimen with a missing tip, a damaged blade, sloping shoulders and a straight base. The cross section is plano-convex with edge abrading on the stem and no beveling. Maximum dimensions are 3.9

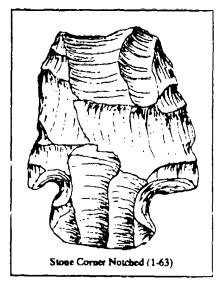


cm x 4.3 cm x 0.9 cm and it weighs 13.5 g. The stem measures 1.3 cm x 2.3 cm and comprises about 33% of the total length of the specimen. The raw material is heat-treated Burlington chert, which is found locally. ** croscopic examination revealed wear resulting from cutting meat with bone contact. This precimen most closely resembles the Standlee type (except for the shorter stem), which is associated with the Woodland Period.



Artifact 1-62 is a bifacial knife. It is a contracting stem specimen with a pointed tip, an excurvate blade, square shoulders and a convex base. The cross section is biconvex with no edge abrading and no beveling. Maximum dimensions are 5.1 cm x 2.8 cm x 0.7 cm and it weighs 8.5 g. The stem measures 1.4 cm x 1.8 cm and comprises about 27% of the total length of the specimen. The raw material is heat-treated Burlington chert, which is found locally. Microscopic examination revealed wear resulting from cutting meat with bone contact. This specimen most closely resembles the Gary type, which is associated with the Woodland Period.

Artifact 1-63 is a projectile point/knife. It is an expanding stem specimen with a missing tip, a damaged blade, corner notches, barbed shoulders and a convex base. The tip has been carried away by an impact fracture. The cross section is biconvex with no edge abrading and no beveling. Maximum dimensions are 5.7 cm x 4.6 cm x 0.8 cm and it weighs 23.5 g. The stem measures 1.7 cm x 2.9 cm and comprises about 30% of the total length of the specimen. The law material is heat-treated Burlington chert, which is found locally. Microscopic examination revealed wear resulting from cutting meat with bone contact. This specimen most closely resembles the Stone Corner Notched type, which is associated with the Late Archael Period.



Artifact 1-64 is a bifacial knife proximal. It is an expanding stem specimen with a missing tip, a damaged blade, corner notches, barbed shoulders and a convex base. The cross section is biconvex with no edge abrading and no beveling. Maximum dimensions are 2.7 cm x 2.1 cm x 0.7 cm and it weighs 4.7 g. The stem is 1.1 cm long and comprises about 41% of the total length of the specimen. The raw material is heat-treated Burlington chert, which is found locally. Microscopic examination revealed wear resulting from cutting meat with bone contact. This specimen most closely resembles the Stone Corner Notched type, which is associated with the Late Archaic Period.

Artifact 1-68 is a projectile point/knife proximal. It is an expanding stem specimen with a missing tip, a damaged blade, corner notches, barbed shoulders and a straight base.

The tip has been carried away by an impact fracture. The cross section is biconvex with no edge abrading and no beveling. Maximum dimensions are 3.3 cm x 2.8 cm x 0.6 cm and it weighs 6.6 g. The stem measures 1.0 cm x 2.2 cm and comprises about 30% of the total length of the specimen. The raw material is heat-treated Burlington chert, which is found locally. Microscopic examination revealed wear resulting from cutting meat with bone contact. This specimen is an unclassified type not associated with a specific cultural period.



Artifact 1-69 is a bifacial knife. It is an expanding stem specimen with a missing tip, a damaged blade, corner notches, barbed shoulders and a straight base. The cross section is biconvex with no edge abrading and no beveling. Maximum dimensions are 3.5 cm x 4.1 cm x 0.7 cm and it weighs 12.8 g. The stem measures 1.0 cm x 2.9 cm and comprises about 29% of the total length of the specimen. The raw material is Burlington chert, which is found locally. Microscopic examination revealed wear resulting from cutting meat with bone contact. This specimen is an unclassified type not associated with a specific cultural period.

Artifact 1-71 is a bifacial knife proximal. It is an expanding stem specimen with a missing tip, a damaged blade, corner notches, barbed shoulders and a convex base. The cross section is biconvex with no edge abrading and no beveling. Maximum dimensions are 2.5 cm x 2.6 cm x 0.7 cm and it weighs 4.7 g. The stem measures 1.0 cm x 1.9 cm and comprises about 40% of the total length of the specimen. The raw material is heat-treated Burlington chert, which is found locally. Microscopic examination revealed wear resulting from cutting meat without bone contact. This specimen is an unclassified type not associated with a specific cultural period.

Artifact 1-73 is a bifacial knife midsection. It has a missing tip, a damaged blade, sloping shoulders and a missing stem and base. The cross section is rhomboidal with no edge abrading and beveling on the left edge of the blade. Maximum dimensions are 3.6 cm x 2.4 cm x 0.9 cm and it weighs 8.2 g. The raw material is Burlington chert, which is found locally. Microscopic examination revealed wear resulting from cutting and scraping wood. This specimen is an unclassified type not associated with a specific cultural period.

Artifact 1-74 is a bifacial knife proximal. It is an expanding stem specimen with a missing tip, a damaged blade, corner notches, missing shoulders and a convex base. The cross section is biconvex with edge abrading on the base and stem and no beveling. Maximum dimensions are 4.7 cm x 2.3 cm x 0.8 cm and it weighs 11.2 g. The stem measures 1.3 cm x 3.0 cm and comprises about 28% of the total length of the specimen. The raw material is heat-treated Burlington chert, which is found locally. Microscopic examination revealed wear resulting from cutting bone or antler. This specimen most closely resembles the Snyders type, which is associated with the Woodland Period.

Artifact 1-75 is a dart point. It is an expanding stem specimen with a missing tip, a damaged blade, side notches, missing shoulders and a convex base. The tip has been carried away by an impact fracture. The cross section is biconvex with no edge abrading and no beveling. Maximum dimensions are $4.0 \text{ cm} \times 3.9 \text{ cm} \times 0.8 \text{ cm}$ and it weighs 10.8 g. The stem measures $1.3 \text{ cm} \times 3.0 \text{ cm}$ and comprises about 33% of the total length of the specimen. The raw material is Burlington chert, which is found locally. Microscopic examination revealed no evidence of use-wear. This specimen is an unclassified type not associated with a cultural period.

Artifact 1-76 is a bifacial knife proximal. It is an expanding stem specimen with a missing tip, a damaged blade, side notches, square shoulders and a straight base. The cross section is biconvex with edge abrading on the base and stem and no beveling. Maximum dimensions are 2.7 cm x 2.9 cm x 0.7 cm and it weighs 6.4 g. The stem measures 1.2 cm x 2.3 cm and comprises about 44% of the total length of the specimen. The raw material is heat-treated Burlington chert, which is found locally. Microscopic examination revealed wear resulting from cutting meat with bone contact. This specimen most closely resembles the Steuben type, which is associated with the Woodland Period.



Artifact 1-77 is a projectile point/knife proximal. It is an expanding stem specimen with a missing tip, a damaged blade, missing shoulders and a straight base. The tip has been carried away by an impact fracture. The cross section is biconvex with no edge abrading and no beveling. Maximum dimensions are 4.4 cm x 2.7 cm x 0.6 cm and it weighs 7.2 g. The stem measures 1.0 cm x 2.7 cm and comprises about 23% of the total length of the specimen. The raw material is heat-treated Burlington chert, which is found locally. Microscopic examination revealed wear resulting from cutting meat with bone contact. This specimen most closely resembles the Steuben type, which is associated with the Woodland Period.



Artifact 1-78 is a bifacial knife. It is an unstemmed specimen with a missing tip, a damaged biade, no notches, no shoulders and a straight base. The cross section is biconvex with edge abrading on the stem and no beveling. Maximum dimensions are 3.5 cm x 2.5 cm x 0.8 cm and it weighs 10.0 g. The raw material is heat-treated Burlington chert, which is found locally. Microscopic examination revealed wear resulting from cutting meat with bone contact and some battering. This specimen is exhausted and is an unclassified type not associated with a specific cultural period.

Artifact 1-80 is a biface proximal. It is an expanding stem specimen with a missing tip and blade, side notches, sloping shoulders and a missing base. The cross section is rhomboidal with edge abrading on the base and stem and beveling on the left edge of the

blade. Maximum dimensions are 2.4 cm x 2.6 cm x 0.7 cm and it weighs 4.3 g. The stem measures 1.2 cm x 1.6 cm and comprises 50% of the total length of the specimen. The raw material is heattreated Burlington chert, which is found locally. Microscopic examination revealed no evidence of use-wear. This specimen is exhausted and most closely resembles the Rice Side Notched type, which is associated with the Woodland Period.



Artifact 1-81 is a biface stem. It is an expanding stem specimen with a missing tip and blade, missing shoulders and a straight base. The cross section is unidentifiable with edge abrading on the base and stem but no beveling. Maximum dimensions are 2.3 cm x 1.9 cm x 0.6 cm and it weighs 2.5 g. The stem measures 1.2 cm x 1.9 cm and comprises about 52% of the total length of the specimen. The raw material is heat-treated Burlington chert, which is found locally. Microscopic examination revealed no evidence of use-wear. This specimen is a variant of the Table Rock Stemmed type, which is associated with the Late Archaic Period.



Klunk Side Notched (1-83)

Artifact 1-83 is an arrow point. It is an expanding stem specimen with a pointed tip, a straight blade, side notches, square shoulders and a straight base. The cross section is biconvex with no edge abrading and no beveling. Maximum dimensions are 2.4 cm x 1.0 cm x 0.4 m and it weighs 1.0 g. The stem measures 0.6 cm x 0.8 cm and comprises about 25% of the total length of the specimen. The raw material is Jefferson City chert, which is found locally in the deeper valleys. Microscopic examination revealed no evidence of use-wear. This specimen most closely resembles the Klunk Side Notche 1 type, which is associated with the Late Woodland Period.

Artifacts cataloged as 1-84 include two bifacial knife midsections. Both have missing tips, damaged blades, no shoulders and missing stems and bases. Neither exhibit edge abiding or beveling. Both are manufactured of heat-treated Burlington chert, which is found locally. Microscopic examination revealed wear resulting from cutting meat with bone contact. These specimens are of an unclassified type not associated with a specific ditural period.

Artifacts cataloged as 1-85 include two dart point midsections. Both have missing tips, damaged blades, no shoulders and missing stems and bases. Neither exhibits edge abrading or beveling. Raw materials include Jefferson City and heat-treated Burlington chert, both of which are found locally. Microscopic examination revealed no evidence of use-wear. Both are damaged by impact fractures. This specimen is an unclassified type not associated with a cultural period.

Artifact 1-86 is a bifacial knife proximal. It is an expanding stem specimen with a missing tip, a damaged blade, corner notches, missing shoulders and a straight base. It is broken lengthwise with one blade and stem edge missing. The cross section is biconvex with no edge abrading and no beveling. Maximum dimensions are $4.2 \, \mathrm{cm} \times 2.5 \, \mathrm{cm} \times 0.6$

cm and it weighs 6.0 g. The stem is 1.0 cm long and comprises about 24% of the total length of the specimen. The raw material is heat-treated Burlington chert, which is found locally. Microscopic examination revealed wear resulting from cutting meat without bone contact. This specimen is an unclassified type not associated with a specific cultural period.

Artifact 1-87 is a bifacial side scraper midsection. It has a missing tip, a damaged blade, barbed shoulders and a missing stem and base. It is broken lengthwise and has a concave area unifacially worked into remaining edge. The cross section is biconvex with no edge abrading and beveling on the left edge of the blade. Maximum dimensions are 4.2 cm x 1.9 cm x 0.6 cm and it weighs 4.9 g. The raw material is heat-treated Burlington chert, which is found locally. Microscopic examination revealed wear resulting from scraping bone or antler. This specimen is exhausted and is an unclassified type not associated with a specific cultural period.

Artifact 1-88 is a bifacial drill. It is an unstemmed specimen with a pointed tip, a straight blade, no shoulders and a convex base. The cross section is rhomboidal with no edge abrading and beveling on the left edge of the blade. Maximum dimensions are 3.8 cm x 1.8 cm x 0.5 cm and it weighs 4.2 g. The raw material is heat-treated Burlington chert, which is found locally. Microscopic examination revealed wear resulting from perforating. This specimen is an unclassified type that resembles similar tools associated with the Late Woodland Period. It appears to be a small arrow point preform that was broken and then used as perforator.



Artifact 1-89 is a bifacial drill midsection. It has a missing tip, a straight blade, no shoulders and a missing stem and base. The cross section is diamond-shaped with no edge abrading and no beveling. Maximum dimensions are 3.2 cm x 0.9 cm x 0.5 cm and it weighs 2.1 g. The raw material is heat-treated Burlington chert, which is found locally. Microscopic examination revealed wear resulting from perforating. This specimen is an unclassified type not associated with a specific cultural period.

Artifact 1-90 is a bifacial oval drill base with one side damaged. It is an unstemmed specimen with a missing tip and blade, no shoulders and a convex base. The



cross section is unidentifiable with no edge abrading and no beveling. Maximum dimensions are $3.8 \text{ cm} \times 2.4 \text{ cm} \times 1.0 \text{ cm}$ and it weighs 9.4 g. The raw material is Burlington chert, which is found locally. Microscopic examination revealed no evidence of use-wear. This specimen is an unclassified type not associated with a specific cultural period. The tip is broken off 0.3 cm above the base.

Artifact 1-91 is a dart point stem. It is an expanding stem specimen with a missing tip and blade, side notches, missing shoulders and a recurved base. The tip and part of the blade have

been carried away by an impact fracture. The cross section is unidentifiable with edge abrading on the stem but no beveling. Maximum dimensions are $3.2 \text{ cm} \times 2.4 \text{ cm} \times 0.8 \text{ cm}$ and it weighs 7.5 g. The stem measures $1.6 \text{ cm} \times 2.3 \text{ cm}$ and comprises 50% of the total length of the specimen. The raw material is heat-treated Burlington chert, which is found locally. Microscopic examination revealed no use-wear. This specimen is exhausted and most closely resembles the Hanna type, which is associated with the Late Archaic Period.

Artifact 1-92 is a flake knife/scraper. Maximum dimensions are 4.6 cm x 4.3 cm x 0.9 cm and it weighs 18.0 g. The raw material is heat-treated Burlington chert, which is found locally. Microscopic examination revealed wear resulting from cutting meat with bone contact and from scraping dry hide. This specimen is an unclassified type, which is similar to other tools associated with the Woodland Period.

Artifact 1-93 is a bifacial side scraper. It is an unstemmed specimen with a rounded tip, an excurvate blade, no shoulders and a convex base. The cross section is plano-convex with no edge abrading and unifacial beveling. Maximum dimensions are 4.5 cm x 2.2 cm x 0.7 cm and it weighs 8.7 g. The raw material is heat-treated Burlington chert, which is found locally. Microscopic examination revealed wear resulting from scraping wet hide. This specimen is an unclassified type that resembles other tools associated with the Woodland Period.

Artifact 1-94 is a bifacial end scraper. It is an expanding stem specimen with an irregular tip, an excurvate blade, missing shoulders and a straight base. The cross section is plano-convex with no edge abrading and unifacial beveling. Maximum dimensions are 2.5 cm x 3.1 cm x 0.7 cm and it weighs 6.8 g. The stem measures 1.3 cm x 2.6 cm and comprises about 52% of the total length of the specimen. The raw material is heat-treated Burlington chert, which is found locally. Microscopic examination revealed wear resulting from scraping wet hide. This specimen is reworked from the proximal portion of an unclassified stemmed biface that resembles others associated with the Late Archaic Period.

Artifact 1-95 is a preform proximal. It is a contracting stem corner removed specimen with a missing tip and blade, sloping shoulders and a convex base. The cross section is biconvex with no edge abrading and no beveling. Maximum dimensions are 4.2 cm x 4.2 cm x 1.1 cm and it weighs 19.3 g. The stem measures 2.3 cm x 3.4 cm and comprises about 55% of the total length of the specimen. The raw material is an unidentified heat-treated chert. Microscopic examination revealed no evidence of use-wear. This specimen is an unclassified type that resembles others associated with the Woodland Period.

Artifact 1-96 is a bifacial knife proximal. It is an unstemmed specimen with a missing tip, a damaged blade, no notches, no shoulders and a convex base. The cross section is biconvex with no edge abrading and no beveling. Maximum dimensions are 5.3 cm x 4.4 cm x 0.9 cm and it weighs 25.8 g. The raw material is heat-treated Burlington

chert, which is found locally. Microscopic examination revealed wear resulting from cutting meat without bone contact. This specimen is an unclassified type not associated with a specific cultural period. It was broken during reduction due to chalky place in chert.

Artifact 1-100 is a core scraper. The cross section is plano-convex with no edge abrading and unifacial beveling. Maximum dimensions are $5.0 \text{ cm} \times 3.3 \text{ cm} \times 2.3 \text{ cm}$ and it weighs 55.9 g. The raw material is heat-treated Burlington chert, which is found locally. Microscopic examination revealed wear resulting from scraping wet hide. This specimen is an unclassified type that is similar to others associated with the Woodland Period.

Artifact 1-101 is a flake scraper. Maximum dimensions are 5.0 cm x 4.3 cm x 1.6 cm and it weighs 34.5 g. The raw material is heat-treated Burlington chert, which is found locally. Microscopic examination revealed wear resulting from scraping wet hide. This specimen is an unclassified type that resembles others associated with the Woodland Period.

Artifact 1-102 is a bifacial side scraper proximal. It is an unstemmed specimen with a missing tip, an excurvate blade, no shoulders and a convex base. The cross section is plano-convex with no edge abrading and unifacial beveling. Maximum dimensions are 5.6 cm x 4.5 cm x 1.4 cm and it weighs 39.8 g. The raw material is heat-treated Burlington chert, which is found locally. Microscopic examination revealed wear resulting from scraping wet hide. This specimen is an unclassified type that resembles others associated with the Woodland Period.

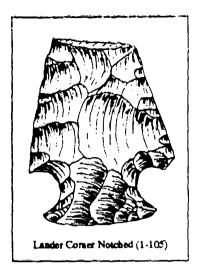
Artifact 1-103 is a bifacial scraper proximal. It is an unstemmed specimen with a missing tip and blade, no notches, no shoulders and a convex base. The cross section is biconvex with no edge abrading and unifacial beveling. Maximum dimensions are 3.8 cm

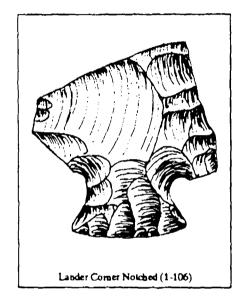


x 4.9 cm x 1.5 cm and it weighs 27.7 g. The raw material is heattreated Burlington chert, which is found locally. Microscopic examination revealed wear resulting from scraping wet hide. This specimen is an unclassified type that resembles others associated with the Woodland Period.

Artifact 1-104 is a bifacial end scraper. It is an unstemmed specimen with a rounded tip, an excurvate blade, no notching, no shoulders and a convex base. The cross section is plano-convex with no edge abrading and unifacial beveling. Maximum dimensions are 6.3 cm x 2.9 cm x 1.2 cm and it weighs 27.6 g. The raw material is heat-treated Jefferson City chert, which is found locally in the deeper valleys. Microscopic examination revealed wear resulting from scraping dry hide. This specimen is an unclassified type, which is associated with the Woodland Period.

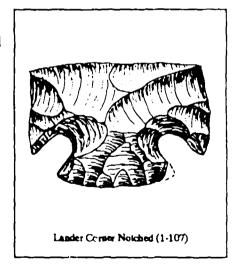
Artifact 1-105 is a bifacial knife. It is an expanding stem specimen with a missing tip, a straight blade, corner notches, barbed shoulders and a convex base. The cross section is biconvex with edge abrading on the stem and no beveling. Maximum dimensions are 4.7 cm x 3.9 cm x 0.8 cm and it weighs 16.8 g. The stem measures 1.3 cm x 2.9 cm and comprises about 28% of the total length. The raw material is heat-treated Burlington chert, which is found locally. Microscopic examination revealed wear resulting from cutting meat with bone contact. This specimen is resharpened and most closely resembles the Lander Corner Notched type, which is associated with the Woodland Period.





Artifact 1-106 is a bifacial knife. It is an expanding stem specimen with a missing tip, a damaged blade, corner notches, barbed shoulders and a convex base. The cross section is biconvex with edge abrading on the stem and no beveling Maximum dimensions are 5.0 cm x 4.9 cm x 0.9 cm and it weighs 24.3 g. The stem measures 1.5 cm x 3.0 cm and comprises about 30% of the total length of the specimen. The raw material is heat-treated Burlington chert, which is found locally. Microscopic examination revealed wear resulting from cutting meat with bone contact and some battering. This specimen is resharpened and most closely resembles the Lander Corner Notched type, which is associated with the Woodland Period.

Artifact 1-107 is a bifacial knife. It is an expanding stem specimen with a missing tip, a damaged blade, corner notches, barbed shoulders and a convex base. The cross section is biconvex with no edge abrading and no beveling. Maximum dimensions are 3.3 cm x 4.7 cm x 0.9 cm and it weighs 14.6 g. The stem measures 1.2 cm x 2.7 cm and comprises about 36% of the total length of the specimen. The raw material is Burlington chert, which is found locally. Microscopic examination revealed wear resulting from cutting meat without bone contact. This specimen most closely resembles the Lander Corner Notched type, which is associated with the Woodland Period.



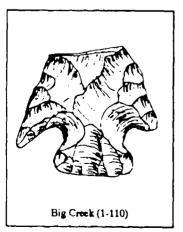


Artifact 1-108 is a bifacial knife. It is an expanding stem specimen with a missing tip, a damaged blade, corner notches, barbed shoulders and a convex base. The cross section is biconvex with edge abrading on the stem and no beveling. Maximum dimensions are 3.6 cm x 3.5 cm x 0.7 cm and it weighs 10.1 g. The stem measures 1.2 cm x 2.3 cm and comprises about 33% of the total length of the specimen. The raw material is heat-treated Burlington chert, which is found locally. Microscopic examination revealed wear resulting from cutting meat with bone contact. This specimen is exhausted and most closely resembles the Lauder Corner Notched type, which is associated with the Woodland Period.

Artifact 1-109 is a bifacial knife proximal. It is an expanding stem specimen with a missing tip, a damaged blade, corner notches, barbed shoulders and a convex base. The cross section is biconvex with no edge abrading and beveling on the right blade edge. Maximum dimensions are 3.7 cm x 4.0 cm x 0.9 cm and it weighs 11.1 g. The stem measures 1.2 cm x 2.8 cm and comprises about 32% of the total length of the specimen. The raw material is heat-treated Burlington chert, which is found locally. Microscopic examination revealed wear resulting from cutting bone or antler. This specimen is exhausted and most closely resembles the Snyders type, which is



associated with the Woodland Period. One corner of the broken tip has been beveled by percussion flaking to form a diagonal cutting edge, which has been resharpened several times by percussion. A burin-like chisel edge exhibits much use rounding and polish, suggesting cutting a hard material such as bone or antler. Whether this is reinvention of a Paleo-Indian/Early-Middle Archaic tool type to fulfill a specific need is unknown. This is a rare Late Middle Woodland tool.



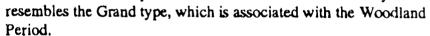
Artifact 1-110 is a biface. It is an expanding stem specimen with a missing tip, a damaged blade, corner notches, barbed shoulders and a convex base. The cross section is biconvex with edge abrading on the base and stem but no beveling. Maximum dimensions are 3.5 cm x 3.7 cm x 0.8 cm and it weighs 10.6 g. The stem measures 1.3 cm x 2.1 cm and comprises about 37% of the total length of the specimen. The raw material is Burlington chert, which is found locally. Microscopic examination revealed wear resulting from cutting meat with bone contact. This specimen is resharpened and most closely resembles the Big Creek type, which is associated with the Late Archaic Period.

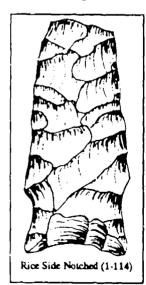
Artifact 1-111 is a bifacial knife. It is an expanding stem specimen with a missing tip and blade, corner notches, barbed shoulders and a missing base. The cross section is biconvex with edge abrading on the base but no beveling. Maximum dimensions are 1.8 cm x 3.3 cm x 0.6 cm and it weighs 4.2 g. The stem measures 1.0 cm x 2.4 cm and comprises about 56% of the total length of the specimen. The raw material is Reeds Spring chert, which is found in southwest Missouri and northwest Arkansas into northeast Oklahoma and extreme southeast Kansas. Microscopic examination revealed no evidence of use-wear. This specimen most closely resembles the Big Creek type, which is associated with the Late Archaic Period.



Artifact 1-112 is a dart point stem. It is an expanding stem specimen with a missing tip, a damaged blade, corner notches, missing shoulders and a convex base. Most of the distal portion has been carried away by an impact fracture. The cross section is biconvex with no edge abrading and no beveling. Maximum dimensions are 3.3 cm x 2.9 cm x 0.7 cm and it weighs 7.9 g. The stem measures 1.4 cm x 3.0 cm and comprises about 42% of the total length of the specimen. The raw material is heat-treated Burlington chert, which is found locally. Microscopic examination revealed no use-wear. This specimen is exhausted and most closely resembles the Big Creek type, which is associated with the Late Archaic Period.

Artifact 1-113 is a bifacial knife proximal. It is an expanding stem specimen with a missing tip, a damaged blade, barbed shoulders and a straight base. The cross section is biconvex with no edge abrading and no beveling. Maximum dimensions are 3.3 cm x 2.6 cm x 0.7 cm and it weighs 6.8 g. The stem measures 0.9 cm x 2.3 cm and comprises about 27% of the total length of the specimen. The raw material is heat-treated Burlington chert, which is found locally. Microscopic examination revealed wear resulting from cutting meat with bone contact. This specimen is exhausted and most closely





Artifact 1-114 is a bifacial knife. It is an expanding stem specimen with a missing tip, a straight blade, side notches, sloping shoulders and a concave base. The cross section is rhomboidal with edge abrading on the base and stem and beveling on the left edge of the blade. Maximum dimensions are 6.0 cm x 2.8 cm x 1.0 cm and it weighs 18.8 g. The stem measures 1.4 cm x 2.8 cm and comprises about 23% of the total length of the specimen. The raw material is heat-treated Burlington chert, which is found locally. Microscopic examination revealed wear resulting from cutting meat with bone contact. This specimen is resharpened and most closely resembles the Rice Side Notched type, which is associated with the Woodland Period.

Artifact 1-115 is a bifacial knife. It is an expanding stem specimen with a missing tip, a straight blade, no shoulders and a convex base. The cross section is plano-convex with no edge abrading and unifacial beveling. Maximum dimensions are 4.5 cm x 2.2 cm x 0.7 cm and it weighs 8.9 g. The raw material is heat-treated Burlington chert, which is found locally. Microscopic examination revealed wear resulting from cutting meat with bone contact. This specimen is exhausted and most closely resembles the Rice Side Notched type, which is associated with the Woodland Period. This biface has been resharpened so extensively that no shoulders exist at all. The original shape is indeterminate and could have resembled a variety of types, such as Steuben, Snyders, Lander, etc.

Artifact 1-116 is a bifacial knife. It is a contracting stem specimen with a missing tip, a damaged blade, sloping shoulders and a straight base. The cross section is rhomboidal with no edge abrading and beveling on the left edge of the blade. Maximum dimensions are 4.9 cm x 2.9 cm x 0.7 cm and it weighs 11.4 g. The stem measures 1.9 cm x 2.2 cm and comprises about 39% of the total length of the specimen. The raw material is heat-treated Burlington chert, which is found locally. Microscopic examination revealed wear resulting from cutting meat with bone contact. This specimen is resharpened and most closely resembles the Standlee type, which is associated with the Woodland Period.

Artifact 1-117 is a dart point stem. It is a corner removed contracting stem specimen with a missing tip, a damaged blade, notching, sloping shoulders and a concave base. The tip has been carried away by an impact fracture. The cross section is biconvex with no edge abrading and no beveling. Maximum dimensions are 4.2 cm x 3.6 cm x 0.7 cm and it weighs 8.5 g. The stem measures 1.6 cm x 1.7 cm and comprises about 38% of the total length of the specimen. The raw material is Burlington chert, which is found locally. Microscopic examination revealed no use-wear. This specimen is exhausted and most closely resembles the Langtry type, which is associated with the Late Archaic through Woodland periods.



Artifact 1-118 is a bifacial knife proximal. It is a corner removed contracting stem specimen with a missing tip, a damaged blade, square shoulders and a concave base. The cross section is rhomboidal with no edge abrading and beveling on the left edge of the blade. Maximum dimensions are 3.4 cm x 2.9 cm x 0.5 cm and it weighs 6.4 g. The stem measures 1.8 cm x 2.0 cm and comprises about 53% of the total length of the specimen. The raw material is Pierson chert, which is abundant in the Branson area and may be caposed in limited areas locally. Microscopic examination revealed wear resulting from cutting meat with bone contact. This specimen is resharpened and most closely resembles the Langtry type, which is associated with the Late Archaic through Woodland periods.

Artifact 1-119 is a bifacial knife. It is a corner removed contracting stem specimen with a missing tip, a damaged blade, sloping shoulders and a straight base. The cross section is biconvex with edge abrading on the stem and no beveling. Maximum dimensions are 3.7 cm x 3.0 cm x 0.7 cm and it weighs 7.3 g. The stem measures 1.5 cm x 2.0 cm and comprises about 41% of the total length of the specimen. The raw material is Burlington chert, which is found locally. Microscopic examination revealed wear resulting from cutting meat with bone contact. This specimen is resharpened and most closely resembles the Langtry type, which is associated with the Late Archaic through Woodland periods.



Artifact 1-120 is a stemmed biface. It is a corner removed contracting stem specimen with a missing tip, a damaged blade, sloping shoulders and a convex base. The cross section is biconvex with edge abrading on the stem and no beveling. Maximum dimensions are 4.6 cm x 3.1 cm x 0.5 cm and it weighs 7.3 g. The stem measures 1.5 cm x 1.8 cm and comprises about 33% of the total length of the specimen. The raw material is Jefferson City chert, which is found locally in the deeper valleys. Microscopic examination revealed wear resulting from perforating a soft material. This specimen is resharpened and most closely resembles the Waubesa type, which is associated with the Middle Woodland Period. The blade of this biface has been resharpened and not used subsequently. The other margin has been removed via a burin spall or by an impact fracture.

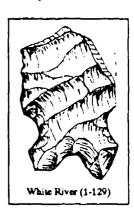
Artifact 1-121 is a bifacial knife proximal. It is a corner removed contracting stem specimen with a missing tip, a damaged blade, sloping shoulders and a missing base. The cross section is biconvex with no edge abrading and no beveling. Maximum dimensions are 2.9 cm x 2.7 cm x 1.0 cm and it weighs 8.7 g. The stem measures 1.0 cm x 1.0 cm and comprises about 34% of the total length of the specimen. The raw material is Burlington chert, which is found locally. Microscopic examination revealed wear resulting from cutting meat with bone contact. This specimen is resharpened and most closely resembles the Table Rock Fointed Stem type, which is associated with the Loftin phase of Mississippi Period (Chapman 1980:313).

Artifact 1-124 is a dart point stem. It is an expanding stem specimen with a missing tip and blade, corner notches, square shoulders and a straight base. The tip and most of the blade have been carried away by an impact fracture. The cross section is biconvex with edge abrading on the base and stem and no beveling. Maximum dimensions are 3.4 cm x 2.9 cm x 0.7 cm and it weighs 9.1 g. The stem measures 1.8 cm x 2.8 cm and comprises about 53% of the total length of the specimen. The raw material is Burlington chert, which is found locally. Microscopic examination revealed no use-wear. This specimen is resharpened and most closely resembles the Stone Corner Notched type, which is associated with the Late Archaic Period.

Artifact 1-125 is a stemmed biface proximal. It is an expanding stem specimen with a missing tip and blade, corner notches, missing shoulders and a convex base. The cross section is biconvex with no edge abrading and no beveling. Maximum dimensions are 2.9 cm x 2.8 cm x 0.9 cm and it weighs 7.4 g. The stem measures 1.4 cm x 2.4 cm and comprises about 48% of the total length of the specimen. The raw material is heat-treated Burlington chert, which is found locally. Microscopic examination revealed no evidence of use-wear. This specimen most closely resembles the Stone Corner Notched type, which is associated with the Late Archaic Period.

Artifacts cataloged as 1-127 include nine bifacial knife midsections. All have missing tips, a damaged blades, no shoulders and missing stems and bases. None exhibit edge abrading or beveling. Raw materials include Pierson chert, heat-treated Reeds Spring chert and Burlington chert (both heat-treated and non heat-treated). Microscopic examination revealed wear resulting from cutting meat with bone contact. These specimens are of an unclassified type not associated with a specific cultural period.

Artifact 1-129 is a projectile point/knife. It is an unstemmed specimen with a missing tip, a damaged blade, side notches, sloping shoulders and a concave base. The tip has been carried away by an impact fracture. The cross section is biconvex with edge abrading on the notches and no beveling. Maximum dimensions are 4.1 cm x 2.5 cm x 0.7 cm and it weighs 9.3 g. The raw material is heat-treated Burlington chert, which is found locally. Microscopic examination revealed wear resulting from cutting meat with bone contact. This specimen most closely resembles the White River type, which is associated with the Middle Archaic Period.





Artifact 1-130 is an arrow point. It is an expanding stem specimen with a missing tip, a damaged blade, corner notches, barbed shoulders and a straight base. The tip has been carried away by an impact fracture. The cross section is biconvex with no edge abrading and no beveling. Maximum dimensions are 2.3 cm x 2.0 cm x 0.5 cm and it weighs 2.6 g. The stem measures 0.7 cm x 1.5 cm and comprises about 30% of the total length of the specimen. The raw material is heat-treated Burlington chert, which is found locally. Microscopic examination revealed no use-wear. This specimen is an unclassified

type, which is associated with the Early Mississippi Period. Comparable arrow points were found in Early Mississippi context by Dickson (1991:144-145) at the Albertson site (3BE174). The point also resembles the Koster type, a Late Woodland arrow point (Perino 1985:211), except that it is completely flaked while most Koster points have part of original flake surfaces showing.

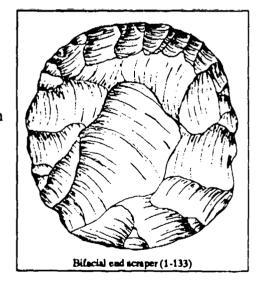
Artifact 1-131 is an arrow point. It is an expanding stem specimen with a missing tip, a damaged blade, corner notches, barbed shoulders and a straight base. The cross section is biconvex with no edge abrading and no beveling. Maximum dimensions are 1.8 cm x 1.7 cm x 0.4 cm and it weighs 1.5 g. The stem measures 0.6 cm x 1.2 cm and comprises about 33% of the total length of the specime 1. The raw material is heat-treated Burlington chert, which is found locally. Microscopic examination revealed no evidence of use-wear. This specimen is an unclassified type that resembles others associated with the Early Mississippi Period.





Artifact 1-132 is an arrow point. It is an expanding stem specimen with a missing tip, a damaged blade, corner notches, barbed shoulders and a convex base. The tip has been carried away by an impact fracture. The cross section is biconvex with no edge abrading and no beveling. Maximum dimensions are 1.7 cm x 1.7 cm x 0.3 cm and it weighs 1.3 g. The stem measures 0.5 cm x 1.1 cm and comprises about 29% of the total length of the specimen. The raw material is heat-treated Burlington chert, which is found locally. Microscopic examination revealed no use-wear. This specimen most closely resembles the Scallorn type, which is associated with the Late Woodland Period.

Artifact 1-133 is an ovate bifacial end scraper. It is an unstemmed specimen with a rounded tip, an excurvate blade, no notches, no shoulders and a convex base. The cross section is plano-convex with no edge abrading and unifacial beveling. Maximum dimensions are 5.9 cm x 5.3 cm x 0.9 cm and it weighs 42.0 g. The raw material is heat-treated Burlington chert, which is found locally. Microscopic examination revealed wear resulting from cutting meat without bone contact and from scraping wet hide. This specimen is an unclassified type that resembles others associated with the Woodland Period.

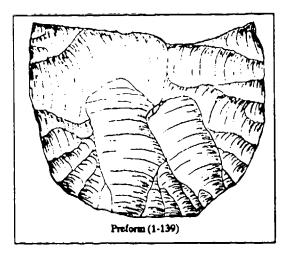


Artifact 1-134 is a flake scraper. Maximum dimensions are $3.8 \text{ cm} \times 3.4 \text{ cm} \times 0.8 \text{ cm}$ and it weighs 12.8 g. The raw material is Burlington chert, which is found locally. Microscopic examination revealed wear resulting from scraping wet hide. This specimen resembles others found in association with Woodland Period deposits.

Artifact 1-135 is a flake scraper. It is a thick elongated flake with one end unifacially worked into scraping edge. Maximum dimensions are $6.5 \text{ cm} \times 4.4 \text{ cm} \times 1.2 \text{ cm}$ and it weighs 46.7 g. The raw material is Burlington chert, which is found locally.

Microscopic examination revealed wear resulting from scraping wet hide. This resharpened specimen resembles others found in association with Woodland Period deposits.

Artifact 1-136 is a flake scraper. It is a thick, elongated blade-like flake that has been unifacially worked at one end and along both edges. Maximum dimensions are 6.4 cm x 3.1 cm x 1.0 cm and it weighs 25.3 g. The raw material is Burlington chert, which is found locally. Microscopic examination at 25X revealed wear resulting from scraping wet hide. This specimen resembles others found in association with Woodland Period deposits.



Artifact 1-139 is a preform proximal. It is an unstemmed specimen with a missing tip and blade, no notches, no shoulders and a convex base. The cross section is biconvex with edge abrading on the base but no beveling. Maximum dimensions are 5.0 cm x 6.2 cm x 1.4 cm and it weighs 51.6 g. The raw material is heat-treated Burlington chert, which is found locally. Microscopic examination revealed no evidence of use-wear. This specimen is an unclassified type that resembles others associated with the Woodland Period.

Artifact 1-140 is a preform proximal. It is an unstemmed specimen with a missing tip and blade, no notches, no shoulders and a convex base. The cross section is biconvex with edge abrading on the base but no beveling. Maximum dimensions are $3.7 \text{ cm } \times 5.2 \text{ cm } \times 1.0 \text{ cm}$ and it weighs 17.9 g. The raw material is heat-treated Burlington chert, which is found locally. Microscopic examination revealed no evidence of use-wear. This specimen is an unclassified type that resembles others associated with the Woodland Period.

Artifact 1-142 is an adze. It is an unstemmed specimen with a rounded tip, an excurvate blade, no shoulders and a convex base. The cross section is plano-convex with no edge abrading and no beveling. Maximum dimensions are 6.6 cm x 5.5 cm x 2.3 cm and it weighs 76.2 g. The raw material is Burlington chert, which is found locally. Microscopic examination revealed wear resulting from cutting wood. This specimen is an unclassified type not associated with a specific cultural period. It is a large and thick (at one end) wedge-shaped flake that has been modified slightly at the thin and sharp end and used as adze.

23DA372

23DA372 is a prehistoric habitation of unknown cultural affiliation. It was recorded by Howard Wimmer in 1987 when he collected 3 preform fragments (80.6 g). None are associated with a specific cultural period.

23DA373

23DA373 is a prehistoric habitation exhibiting evidence of a Late Archaic Period occupation. It was recorded by Howard Wimmer in 1987 when he collected 7 artifacts weighing 140.9 g. These included 1 blank fragment (53.8 g), 1 dart point fragment (10.3 g), 2 bifacial knife fragments (16.2 g), 2 preform fragments (43.1 g) and 1 preform (17.5 g).

Artifact 1-1 is a dart point stem. It is an expanding stem specimen with a missing tip and blade, corner notches, barbed shoulders and a convex base. The cross section is biconvex with edge abrading on the base but no beveling. Maximum dimensions are 2.6 cm x 4.2 cm x 0.8 cm and it weighs 10.3 g. The stem measures 1.4 cm x 2.6 cm and comprises about 54% of the total length of the specimen. The raw material is Burlington chert, which is found locally. Microscopic examination revealed no evidence of use-wear. This specimen most closely resembles the Big Creek type, which is associated with the Late Archaic Period.



Artifacts cataloged as 1-3 include two bifacial knife midsections. Both have missing tips, a damaged blades, no shoulders and missing stems and bases. Neither exhibits edge abrading or beveling. Raw materials include heat-treated Reeds Spring and heat-treated Burlington chert, both of which are found locally. Microscopic examination revealed wear resulting from cutting meat with bone contact. These specimens are resharpened and are of an unclassified type not associated with a specific cultural period.

23DA374

23DA374 is a prehistoric habitation exhibiting evidence of a Woodland Period occupation. It was recorded by Howard Wimmer in 1987 when he collected 6 artifacts weighing 80.2 g. These included 1 stemmed biface fragment (5.5 g), 2 bifacial knife fragments (19.9 g), 1 preform fragment (19.3 g), 1 bifacial end scraper fragment (8.2 g) and 1 flake scraper (27.3 g).

Artifact 1-1 is a flake scraper. Maximum dimensions are $4.8 \text{ cm} \times 3.7 \text{ cm} \times 61.1 \text{ cm}$ and it weighs 27.3 g. The raw material is Burlington chert, which is found locally.

Microscopic examination revealed wear resulting from scraping wet hide. This specimen resembles others associated with the Woodland Period.

Artifact 1-2 is a bifacial end scraper fragment. It is an unstemmed specimen with a rounded tip, an excurvate blade, no shoulders and a missing stem and base. The cross section is biconvex with no edge abrading and unifacial beveling. Maximum dimensions are 3.0 cm x 3.8 cm x 0.6 cm and it weighs 8.2 g. The raw material is Burlington chert, which is found locally. Microscopic examination revealed wear resulting from scraping wet hide. This specimen is an unclassified type that resembles others associated with the Woodland Period. This is probably the base of a thin preform that has been beveled and modified into a scraper. Two marginal constrictions at the opposite end may mean specimen was hafted.

Artifacts cataloged as 1-5 include two bifacial knife midsections. Both have missing tips, damaged blades, no shoulders and missing stems and bases. Neither exhibits edge abrading or beveling. The raw material is Burlington chert, which is found locally. Microscopic examination revealed wear resulting from cutting meat with bone contact. These specimens are of an unclassified type not associated with a specific cultural period.

23DA375

23DA375 is a prehistoric habitation exhibiting evidence of a Late Archaic Period occupation. It was recorded by Howard Wimmer in 1987 when he collected 1 bifacial knife (1-1). It is an expanding stem specimen with a missing tip, a recurved blade, corner notches, barbed shoulders and a concave base. The cross section is biconvex with edge abrading on the base and no beveling. Maximum dimensions are 3.2 cm x 2.1 cm x 0.5 cm and it weighs 4.4 g. The stem is 0.6 cm long and comprises about 19% of the total length of the specimen. The raw material is heat-treated Burlington chert, which is found locally. Microscopic examination revealed wear resulting from cutting meat with bone contact. This specimen is an unclassified type, which is associated with the Late Archaic Period. Similar bifaces were found in Late Archaic context at the Albertson site (3BE174; Dickson 1991:87) where they were classed as LA-3 bifaces.



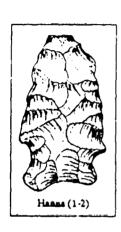
23DA377

23DA377 is a prehistoric habitation exhibiting evidence of Late Archaic, Woodland and Mississippi Period occupations. It was recorded by Howard Wimmer in 1987 when he collected 14 artifacts weighing 126.6 g. These included 1 stemmed biface fragment (5.3 g), 6 bifacial knife fragments (50.9 g), 3 bifacial knives (31.6 g), 2 preform fragments (28.6 g) and 2 projectile point/knives (10.2 g).



Artifact 1-1 is a bifacial knife. It is an expanding stem specimen with a missing tip, a straight blade, corner notches, barbed shoulders and a straight base. The cross-section is diamond-shaped with edge abrading on the stem and no beveling. Maximum dimensions are 4.5 cm x 2.2 cm x 0.7 cm and it weighs 7.8 g. The stem measures 1.0 cm x 2.2 cm and comprises about 22% of the total length of the specimen. The raw material is heat-treated Burlington chert, which is found locally. Microscopic examination revealed wear resulting from cutting meat with bone contact. This specimen is resharpened and most closely resembles the Ensor type, which is associated with the Late Archaic Period.

Artifact 1-2 is a projectile point knife. It is an expanding stem specimen with a missing tip, an excurvate blade, side notches, sloping shoulders and a concave base. The tip has been carried away by an impact fracture. The cross section is plano-convex with edge abrading on the base and no beveling. Maximum dimensions are 4.1 cm x 2.1 cm x 0.8 cm and it weighs 7.3 g. The stem measures 1.3 cm x 1.8 cm and comprises about 32% of the total length of the specimen. The raw material is Burlington chert, which is found locally. Microscopic examination revealed wear resulting from cutting meat with bone contact. This specimen most closely resembles the Hanna type, which is associated with the Late Archaic Period.





Artifact 1-3 is a bifacial knife proximal. It is an expanding stem specimen with a missing tip, a damaged blade, corner notches, barbed shoulders and a straight base. The cross section is biconvex with no edge abrading and no beveling. Maximum dimensions are 3.0 cm x 3.4 cm x 0.7 cm and it weighs 7.6 g. The stem measures 0.9 cm x 2.3 cm and comprises about 30% of the total ength of the specimen. The raw material is heat-treated Burlington thert, which is found locally. Microscopic examination reversed wear resulting from cutting meat with bone contact. This specimen is an unclassified type possibly associated with the Late Archaic Period.

Artifact 1-4 is a bifacial knife proximal. It is an expanding stem specimen with a missing tip, a damaged blade, corner notches, barbed shoulders and a straight base. It has been split longitudinally from near the tip to one shoulder. The cross section is planoconvex with edge abrading on the stem and unifacial beveling. Maximum dimensions are 5.0 cm x 3.0 cm x 0.6 cm and it weighs 9.2 g. The stem measures 0.9 cm x 2.3 cm and comprises about 18% of the total length of the specimen. The raw material is heat-treated Burlington chert, which is found locally. Microscopic examination revealed wear resulting

from cutting meat with bone contact. This specimen is resharpened and is an unclassified type, which is associated with the Late Archaic Period.

Artifact 1-5 is a projectile point/knife. It is an expanding stem specimen with a missing tip, a straight blade, corner notches, barbed shoulders and a straight base. The tip has been carried away by an impact fracture. The cross section is biconvex with edge abrading on the base and no beveling. Maximum dimensions are $2.7 \text{ cm} \times 1.9 \text{ cm} \times 0.6 \text{ cm}$ and it weighs 2.9 g. The stem measures $0.7 \text{ cm} \times 1.7 \text{ cm}$ and comprises about 26% of the total length of the specimen. The raw material is Burlington chert, which is found locally. Microscopic examination revealed wear resulting from cutting meat with bone contact. This specimen most closely resembles the Kings Corner Notched type, which is associated with the Late Archaic Period.



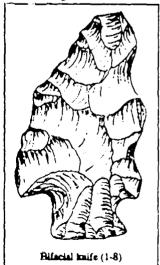


Artifact 1-6 is a bifacial knife. It is an expanding stem specimen with a missing tip, a damaged blade, corner notches, square shoulders and a convex base. The cross section is biconvex with no edge abrading and no beveling. Maximum dimensions are 3.6 cm x 3.4 cm x 0.8 cm and it weighs 9.6 g. The stem measures 1.4 cm x 2.1 cm and comprises about 39% of the total length of the specimen. The raw material is Burlington chert, which is found locally. Microscopic examination revealed wear resulting from cutting meat with bone contact. This specimen is resharpened and most closely resembles the Big Creek type, which is associated with the Late Archaic Period.

Artifact 1-7 is a stemmed biface proximal. It is an expanding stem specimen with a missing tip and blade, corner notches, barbed shoulders and a convex base. The cross section is biconvex with edge abrading on the base and stem and no beveling. Maximum

dimensions are 2.0 cm x 3.4 cm x 0.7 cm and it weighs 5.3 g. The stem measures 1.3 cm x 2.8 cm and comprises about 65% of the total length of the specimen. The raw material is heat-treated Burlington chert, which is found locally. Microscopic examination revealed no evidence of use-wear. This specimen most closely resembles the Big Creek type, which is associated with the Late Archaic Period.

Artifact 1-8 is a bifacial knife. It is an expanding stem specimen with a rounded tip, an asymmetrical blade, corner notches, square shoulders and a straight base. One blade margin is erratically excurvate, the other erratically straight. The cross section is biconvex with no edge abrading and no beveling. It is made by percussion flaking with no pressure retouch.



Maximum dimensions are $6.0 \text{ cm} \times 3.3 \text{ cm} \times 0.7 \text{ cm}$ and it weighs 14.2 g. The stem measures $1.0 \text{ cm} \times 2.0 \text{ cm}$ and comprises about 17% of the total length of the specimen. The raw material is heat-treated Burlington chert, which is found locally. Microscopic examination revealed wear resulting from cutting meat with bone contact. This specimen is an unclassified type not associated with a specific cultural period but may be Early Mississippian.

Artifact 1-9 is a bifacial knife proximal. It is an unstemmed and unnotched specimen with a missing tip, a damaged blade, missing shoulders and a convex base. The cross section is biconvex with no edge abrading and no beveling. Maximum dimensions are 3.9 cm x 5.0 cm x 0.8 cm and it weighs 20.5 g. The raw material is heat-treated Burlington chert, which is found locally. Microscopic examination revealed wear resulting from cutting meat with bone contact. This specimen is an unclassified type, which may be associated with the Woodland Period.

Artifacts cataloged as 1-10 include three bifacial knife midsections. All have missing tips, damaged blades, no shoulders and missing stems and bases. None exhibit edge abrading or beveling. The raw material is Burlington chert (both unheated and heattreated), which is found locally. Microscopic examination revealed wear resulting from cutting meat with bone contact. These specimens are of an unclassified type not associated with a specific cultural period.

23DA378

23DA378 is a prehistoric habitation exhibiting evidence of a Late Archaic Period occupation. It was recorded by Howard Wimmer in 1987 when he collected an ovate bifacial knife. It is an expanding stem specimen with a damaged tip, an excurvate blade, corner notching, downturned shoulders and a convex base. The cross section is biconvex with no edge abrading and no beveling. Maximum dimensions are 4.5 cm x 3.5 cm x 0.8 cm and it weighs 7.8 g. The stem measures 1.1 cm x 2.2 cm and comprises about 24% of the total length of the specimen. The raw material is Burlington chert, which is found Locally. Microscopic examination revealed wear resulting from cutting meat without bone contact. This specimen most closely resembles the Big Creek type, which is associated with the Archaic, Late Period. It may have been broken late in the manufacturing process.

23DA379

23DA379 is a prehistoric habitation exhibiting evidence of a Late Archaic Period occupation. It was recorded by Howard Wimmer in 1987 when he collected 2 artifacts weighing 16.1 g. These included 1 bifacial knife fragment (10.0 g), 1 bifacial knife (6.1 g).

Artifact 1-1 is a bifacial knife proximal. It is an expanding stem specimen with a missing tip, a damaged blade, corner notches, missing shoulders and a convex base. The cross section is biconvex with edge abrading on the base and stem and no beveling.

Maximum dimensions are $3.7 \text{ cm} \times 3.1 \text{ cm} \times 0.8 \text{ cm}$ and it weighs 10.0 g. The stem measures $1.0 \text{ cm} \times 2.4 \text{ cm}$ and comprises about 27% of the total length of the specimen. The raw material is heat-treated Burlington chert, which is found locally. Microscopic examination revealed wear resulting from cutting meat with bone contact. This specimen is an unclassified type, which may be associated with the Late Archaic Period. It broke due to a brizoan fossil which weakened the specimen.



Artifact 1-2 is a bifacial knife. It is an expanding stem specimen with a missing tip, a damaged blade, corner notches, barbed shoulders and a straight base. The cross section is planoconvex with no edge abrading and no beveling. Maximum dimensions are 3.4 cm x 3.1 cm x 0.6 cm and it weighs 6.1 g. The stem is 1.0 cm long and comprises about 29% of the total length of the specimen. The raw material is Burlington chert, which is found locally. Microscopic examination revealed wear resulting from cutting wood. This specimen is a variant of the Afton type, which is associated with the Late Archaic Period.

23D.4380

23DA380 is a prehistoric habitation exhibiting evidence of Late Archaic and Woodland Period occupations. It was recorded by Howard Wimmer in 1987 when he collected 4 artifacts weighing 132.0 g. These included 1 blank (97.1 g), 1 bifacial knife fragment (5.7 g), 1 bifacial knife (2.7 g) and 1 preform fragment (26.5 g).

Artifact 1-1 is a bifacial knife. It has a pointed tip, an asymmetrical blade, corner notches, barbed shoulders and a missing stem and base. The cross section is rhomboidal with edge abrading on the stem and beveling on the left edge of the blade. Maximum dimensions are 4.0 cm x 2.5 cm x 0.6 cm and it weighs 2.7 g. The raw material is Burlington chert, which is found locally. Microscopic examination revealed wear resulting from cutting meat with bone contact. Although the base is missing, the biface has all the characteristics of the Kings Corner Notched type. Because these points became smaller in post Archaic times, this specimen is probably Woodland.



Artifact 1-2 is a bifacial knife midsection. It has a missing tip, a damaged blade, no shoulders and a missing stem and base. The cross section is rhomboidal with no edge abrading and beveling on the left edge of the blade. Maximum dimensions are 4.0 cm x 2.0 cm x 0.6 cm and it weighs 5.7 g. The raw material is heat-treated Burlington chert, which is found locally. Microscopic examination revealed wear resulting from cutting meat with bone contact. This specimen is an unclassified type not associated with a specific cultural period.

23DA381

23DA381 is a prehistoric habitation exhibiting evidence of Late Archaic and Woodland Period occupations. It was recorded by Howard Wimmer in 1987 when he collected 3 artifacts weighing 32.2 g. These included 1 stemmed biface fragment (1.7 g) and 2 preform fragments (30.5 g).

Artifact 1-1 is a biface stem. It is an expanding specimen with a missing tip and blade, missing shoulders and a concave base. The cross section is not discernible with edge abrading on the base and stem and no beveling. Maximum dimensions are 1.2 cm x 2.0 cm x 0.6 cm and it weighs 1.7 g. The raw material is Burlington chert, which is found locally. Microscopic examination revealed no evidence of use-wear. This specimen is an unclassified type that may be associated with the Late Archaic or Woodland periods. It may be from a Kings Corner Notched.

23DA382

23DA382 is a prehistoric habitation exhibiting evidence of Late Archaic, Late Woodland and Mississippi Period occupations. It was recorded by Howard Wimmer in 1987 when he collected 7 artifacts weighing 41.3 g. These included 1 arrow point (1.8 g), 2 biface fragments (20.5 g), 1 dart point fragment (3.1 g), 2 bifacial knife fragments (12.5 g) and 1 preform (3.4 g).



Artifact 1-1 is an arrow point. It is an expanding stem specimen with a missing tip, a damaged blade, corner notches, barbed shoulders and a straight base. The cross section is biconvex with no edge abrading and no beveling. Maximum dimensions are 2.4 cm x 1.6 cm x 0.4 cm and it weighs 1.8 g. The stem measures 0.6 cm x 0.4 cm and comprises about 25% of the total length of the specimen. The raw material is heat-treated Burlington chert, which is found locally. Microscopic examination revealed no evidence of use-wear. This specimen most closely resembles the Scallorn type, which is associated with the Late Woodland Period.

Artifact 1-2 is a dart point stem. It is an expanding stem corner removed specimen with a missing tip and blade, sloping shoulders and a straight base. The tip has been carried away by an impact fracture. The cross section is biconvex with edge abrading on the base and stem and no beveling. Maximum dimensions are 2.0 cm x 2.0 cm x 0.6 cm and it weighs 3.1 g. The stem measures 1.0 cm x 1.5 cm and comprises 50% of the total length of the specimen. The raw material is heat-treated Burlington chert, which is found locally. Microscopic examination revealed wear revealed no use-wear. This



specimen most closely resembles the Table Rock Stemmed type, which is associated with the Late Archaic Period.

Artifact 1-3 is a preform. It is an unstemmed specimen with a rounded tip, an excurvate blade, no notches, no shoulders and a convex base. The cross section is planoconvex with no edge abrading and unifacial beveling. Maximum dimensions are 3.9 cm x 1.5 cm x 0.5 cm and it weighs 3.4 g. The raw material is heat-treated Burlington chert, which is found locally. Microscopic examination revealed no evidence of use-wear. This specimen is an unclassified type possibly associated with the Mississippi Period.

Artifacts cataloged as 1-4 include two bifacial knife midsections. Both have missing tips, damaged blades, no shoulders and missing stems and bases. Neither exhibits edge abrading or beveling. The raw material is heat-treated Burlington chert, which is found locally. Microscopic examination revealed wear resulting from cutting meat with bone contact. These specimens are not associated with a specific cultural period.

23DA383

23DA383 is a prehistoric habitation exhibiting evidence of Late Archaic and Woodland Period occupations. It was recorded by Howard Wimmer in 1987 when he collected 11 artifacts weighing 142.9 g. These included 1 stemmed biface fragment (11.1 g), 1 bifacial knife fragment (19.9 g), 2 bifacial knives (25.0 g) and 7 preform fragments (86.9 g).

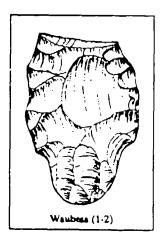


Artifact 1-1 is a bifacial knife. It is an expanding stem specimen with a missing tip and blade, corner notches, barbed shoulders and a convex base. The cross section is biconvex with edge abrading on the base but no beveling. Maximum dimensions are 4.3 cm x 3.9 cm x 0.7 cm and it weighs 12.6 g. The stem measures 1.3 cm x 2.5 cm and comprises about 30% of the total length of the specimen. The raw material is heat-treated Burlington chert, which is found locally. Microscopic examination revealed wear

resulting from cutting meat with bone contact. This specimen most closely resembles the Big Creek

type, which is associated with the Late Archaic Period.

Artifact 1-2 is a bifacial knife. It is a contracting stem specimen with a missing tip, a damaged blade, sloping shoulders and a convex base. The cross section is plano-convex with edge abrading on the stem and no beveling. Maximum dimensions are 4.3 cm x 3.0 cm x 0.8 cm and it weighs 12.4 g. The stem measures 1.3 cm x 2.0 cm and comprises about 30% of the total length of the specimen. The raw material is heat-treated



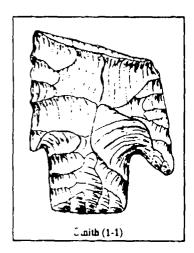
Burlington chert, which is found locally. Microscopic examination revealed wear resulting from cutting meat without bone contact. This specimen most closely resembles the Waubesa type, which is associated with the Woodland Period.

Artifact 1-3 is a bifacial knife midsection. It has a missing tip, a damaged blade, missing shoulders and a missing stem and base. The cross section is biconvex with no edge abrading and no beveling. Maximum dimensions are $4.3 \text{ cm} \times 4.1 \text{ cm} \times 1.0 \text{ cm}$ and it weighs 19.9 g. The raw material is heat-treated Burlington chert, which is found locally. Microscopic examination revealed wear resulting from cutting meat with bone contact. This specimen is an unclassified type not associated with a specific cultural period.

Artifact 1-4 is a stemmed biface proximal. It is an expanding stem specimen with a missing tip and blade, corner notches, barbed shoulders and a convex base. The cross section is biconvex with no edge abrading and no beveling. Maximum dimensions are 3.0 cm x 4.1 cm x 0.9 cm and it weighs 11.1 g. The stem is 1.2 cm long and comprises about 40% of the total length of the specimen. The raw material is Burlington chert, which is found locally. Microscopic examination revealed no evidence of use-wear. This specimen most closely resembles the Big Creek type, which is associated with the Late Archaic Period.

23DA385

23DA385 is a prehistoric habitation exhibiting evidence of Late Archaic and Middle to Late Woodland Period occupations. It was recorded by Howard Wimmer in 1988 when he collected 42 artifacts weighing 571.0 g. These included 3 dart point fragments (23.3 g), 1 bifacial drill fragment (2.5 g), 6 bifacial knife fragments (72.3 g), 8 bifacial knife (98.8 g), 1 knife/scraper fragment (18.8 g), 21 preform fragments (333.8 g), 1 bifacial end scraper (6.4 g) and 1 bifacial side scraper fragment (15.1 g).



Artifact 1-1 is a bifacial knife. It is a parallel stem specimen with a missing tip, a damaged blade, barbed shoulders and a straight base. The cross section is planoconvex with edge abrading on the stem and unifacial beveling. Maximum dimensions are 4.7 cm x 3.8 cm x 1.0 cm and it weighs 17.1 g. The stem measures 1.6 cm x 2.1 cm and comprises about 34% of the total length of the specimen. The raw material is Burlington chert, which is found locally. Microscopic examination revealed wear resulting from cutting meat with bone contact. This specimen is resharpened and most closely resembles the Smith type, which is associated with the Late Archaic Period.

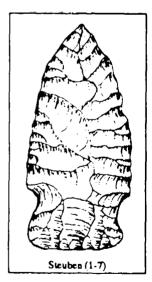
Artifacts cataloged as 1-3 include four bifacial knife midsections. All have missing tips, damaged blades, no shoulders and missing stems and bases. None exhibit edge abrading or beveling. Raw materials include Burlington (both untreated and heat-treated)

and an unidentified chert. Microscopic examination revealed wear resulting from cutting meat with bone contact. These specimens are of an unclassified type not associated with a specific cultural period.

Artifact 1-4 is a bifacial knife/scraper base. It is an unstemmed specimen with a missing tip and blade, no notches, no shoulders and a convex base. The cross section is plano-convex with no edge abrading and unifacial beveling. Maximum dimensions are 3.5 cm x 5.7 cm x 0.9 cm and it weighs 18.8 g. The raw material is heat-treated Burlington chert, which is found locally. Microscopic examination revealed wear resulting from cutting meat with bone contact and from scraping wet hide. This specimen is an unclassified type not associated with a specific cultural period.

Artifact 1-6 is a dart point stem. It is an expanding stem specimen with a missing tip, a damaged blade, side notches, sloping shoulders and a concave base. The cross section is biconvex with edge abrading on the base and stem and no beveling. Maximum dimensions are 3.2 cm x 2.9 cm x 0.8 cm and it weighs 7.4 g. The stem measures 1.1 cm x 2.2 cm and comprises about 34% of the total length of the specimen. The raw material is Keokuk chert, which is abundant further south but may be available locally in highly restricted areas. Microscopic examination revealed no evidence of use-wear. This specimen most closely resembles the Hanna type, which is associated with the Late Archaic Period and usually serves as a dart point.





Artifact 1-7 is a bifacial knife. It is an expanding stem specimen with a broad tip, an excurvate blade, side notches, sloping shoulders and a convex base. The cross section is biconvex with no edge abrading and no beveling. Maximum dimensions are 5.9 cm x 2.9 cm x 0.8 cm and it weighs 15.2 g. The stem measures 1.4 cm x 2.5 cm and comprises about 24% of

the total length of the specimen. The raw material is heat-treated Burlington chert, which is found locally. Microscopic examination revealed wear resulting from cutting meat with bone contact. This specimen is a variant of the Steuben type, which is associated with the Woodland Period.



Artifact 1-8 is a bifacial knife. It is an expanding stem specimen with a missing tip, an excurvate blade, side notches, square shoulders and a convex base. The cross section is biconvex with no edge abrading and no beveling. Maximum dimensions are 5.5 cm x 3.5 cm x 0.9 cm and it weighs 7.4 g.

The stem measures $1.8 \text{ cm} \times 2.9 \text{ cm}$ and comprises about 33% of the total length of the specimen. The raw material is Burlington chert, which is found locally. Microscopic examination revealed wear resulting from cutting meat with bone contact. This specimen closely resembles the Gibson type, which is associated with the Middle Woodland Period.



Artifact 1-9 is a bifacial knife. It is an expanding stem specimen with a broad tip, a recurved blade, corner notches, barbed shoulders and a convex base. The cross section is biconvex with no edge abrading and no beveling. Maximum dimensions are 4.2 cm x 3.6 cm x 0.6 cm and it weighs 10.0 g. The stem measures 1.3 cm x 2.8 cm and comprises about 31% of the total length of the specimen. The raw material is heattreated Burlington chert, which is found locally. Microscopic examination revealed wear resulting from cutting meat with bone contact. This specimen is resharpened and most closely resembles the Big Creek type, which is associated with the Late Archaic Period.

Artifact 1-10 is a dart point stem. It is an expanding stem specimen with a missing tip and blade, side notches, missing shoulders and a concave base. The cross section is biconvex with edge abrading on the stem but no beveling. Maximum dimensions are 1.8 cm x 2.1 cm x 0.6 cm and it weighs 3.0 g. The stem measures 1.7 cm x 2.1 cm and comprises about 94% of the total length of the specimen. The raw material is heat-treated Burlington chert, which is found locally. Microscopic examination revealed no evidence of use-wear. This specimen most closely resembles the Duncan type, which is associated with the Late Archaic Period.

Artifact 1-11 is a bifacial end scraper. It is an expanding stem specimen with a reworked tip, a damaged blade, side notches, missing shoulders and a concave base. The cross section is biconvex with no edge abrading and unifacial beveling. Maximum dimensions are 2.6 cm x 2.5 cm x 0.7 cm and it weighs 6.4 g. The stem measures 1.2 cm x 2.5 cm and comprises about 46% of the total length of the specimen. The raw material is heat-treated Burlington chert, which is found locally. Microscopic examination revealed



wear resulting from scraping wet hide and battering. This specimen most closely resembles a basal fragment of a Hanna point, broken and unifacially reworked just above the side notches to form hafted scraper, which is associated with the Late Archaic Period. It could be Late Archaic or a reworked find modified into a scraper at a later time. It has been battered somewhat after use on hides.

Artifact 1-12 is a bifacial knife. It is an expanding stem specimen with a missing tip, a damaged blade, corner notches, barbed shoulders and a convex base. The cross section is plano-convex with no edge abrading and unifacial beveling. Maximum dimensions are 4.0 cm x 3.0 cm x 0.8 cm and it weighs 10.3 g. The stem measures 1.3 cm

x 2.5 cm and comprises about 33% of the total length of the specimen. The raw material is heat-treated Burlington chert, which is found locally. Microscopic examination revealed wear resulting from cutting meat with bone contact. This specimen is resharpened and most closely resembles the Big Creek type, which is associated with the Late Archaic Period.

Artifact 1-13 is a bifacial knife. It is an expanding stem specimen with a missing tip, a damaged blade, side notches, missing shoulders and a convex base. The cross section is biconvex with no edge abrading and no beveling. Maximum dimensions are 4.6 cm x 2.7 cm x 0.8 cm and it weighs 12.2 g. The stem measures 1.1 cm x 2.8 cm and comprises about 24% of the total length of the specimen. The raw material is heat-treated Burlington chert, which is found locally. Microscopic examination revealed wear resulting from cutting meat with bone contact. This specimen most closely resembles the Gibson type, which is associated with the Woodland Period.

Artifact 1-14 is a dart point midsection. It has a missing tip, a damaged blade, notching, missing shoulders and a missing stem and base. The tip has been carried away by an impact fracture. The cross section is biconvex with no edge abrading and no beveling. Maximum dimensions are 3.3 cm x 3.4 cm x 1.0 cm and it weighs 12.9 g. The raw material is heat-treated Burlington chert, which is found locally. Microscopic examination revealed no evidence of use-wear. This specimen is an unclassified type that may be associated with the Late Archaic or Woodland periods. Only a tiny portion of the stem remains and could have been square or contracting. If square, point is Late Archaic, if contracting probably is Woodland.



Artifact 1-15 is a bifacial knife. It is a corner removed parallel stem specimen with a damaged tip, an asymmetrical blade, sloping shoulders and a straight base. The cross section is rhomboidal with no edge abrading and beveling on the right blade edge. Maximum dimensions are 6.3 cm x 2.3 cm x 1.0 cm and it weighs 16.9 g. The stem measures 1.5 cm x 1.7 cm and comprises about 24% of the total length of the specimen. The raw material is heat-treated Burlington chert, which is found locally. Microscopic examination revealed wear resulting from cutting meat with bone contact. This specimen is an unclassified type not associated with a specific cultural period.

Artifact 1-16 is a bifacial knife. It is a contracting stem specimen with a missing tip, an asymmetrical blade, sloping shoulders and a straight base. The cross section is rhomboidal with no edge abrading and beveling on the right blade edge. Maximum dimensions

are $4.6 \text{ cm} \times 2.4 \text{ cm} \times 0.8 \text{ cm}$ and it weighs 9.7 g. The stem measures $1.5 \text{ cm} \times 1.6 \text{ cm}$ and comprises about 33% of the total length of the specimen. The raw material is heat-treated Burlington chert, which is found locally. Microscopic examination revealed wear resulting from cutting meat with bone contact. This specimen is exhausted and most

closely resembles the Langtry type, which is associated with the Late Archaic through Woodland periods.

Artifact 1-17 is a bifacial knife midsection. It is an expanding stem specimen with a missing tip, a damaged blade, corner notches, barbed shoulders and missing the base and most of the stem. The cross section is biconvex with no edge abrading and no beveling. Maximum dimensions are 2.5 cm x 2.2 cm x 0.5 cm and it weighs 3.3 g. The raw material is heat-treated Burlington chert, which is found locally. Microscopic examination revealed wear resulting from cutting meat with bone contact. This specimen is an unclassified type not associated with a specific cultural period.

Artifact 1-18 is a bifacial drill midsection. It has a missing tip, a damaged blade, no shoulders and a missing stem and base. The cross section is diamond-shaped with edge abrading on the blade and beveling on the left edge of the blade. Maximum dimensions are 3.0 cm x 0.9 cm x 0.6 cm and it weighs 2.5 g. The raw material is heat-treated Burlington chert, which is found locally. Microscopic examination revealed wear resulting from perforating. This specimen is an unclassified type not associated with a specific cultural period.

Artifact 1-19 is a bifacial knife proximal. It is an unstemmed specimen with a missing tip, a damaged blade, no shoulders and a convex base. The cross section is biconvex with no edge abrading and no beveling. Maximum dimensions are $6.6 \text{ cm} \times 5.0 \text{ cm} \times 0.8 \text{ cm}$ and it weighs 22.2 g. The raw material is heat-treated Burlington chert, which is found locally. Microscopic examination revealed wear resulting from cutting meat with bone contact. This specimen is an unclassified type not associated with a specific cultural period.

23DA386

23DA386 is a prehistoric habitation exhibiting evidence of Middle to Late Archaic and Middle to Late Woodland Period occupations. It was recorded by Howard Wimmer in 1988 when he collected 92 artifacts weighing 1,456.9 g. These included 5 stemmed biface fragments (39.9 g), 1 unstemmed biface fragment (5.4 g), 1 blank (217.3 g), 2 dart point fragments (14.9 g), 3 dart points (16.8 g), 2 bifacial drill fragments (15.6 g), 17 bifacial knife fragments (132.8 g), 7 bifacial knives (56.8 g), 47 preform fragments (884.9 g), 1 preform (18.3 g), 3 projectile

point/knife fragments (31.5 g) and 3 projectile point/knives (22.7 g).

Artifact 1-1 is a bifacial knife proximal. It is a parallel stem specimen with a broad tip, an excurvate blade, basal notches, barbed shoulders (both now missing) and a concave base. The cross section is biconvex with no edge abrading and no beveling. Maximum dimensions are 4.1 cm x 3.5 cm x 0.7 cm and it weighs 8.8 g. The stem measures 1.7 cm x 1.9 cm



and comprises about 41% of the total length of the specimen. The raw material is Burlington chert, which is found locally. Microscopic examination revealed wear resulting from cutting meat with bone contact. This specimen is resharpened and as a variant of the Calf Creek type, which is associated with the Middle Archaic Period. The concave base and lack of stem grinding are not typical of Calf Creek and this is probably a late variant of the type.



Artifact 1-2 is a bifacial knife. It is an expanding stem specimen with a broad tip, an excurvate blade, basal notches, barbed shoulders and a convex base. The cross section is rhomboidal with no edge abrading and beveling on the right blade edge. Maximum dimensions are 3.3 cm x 4.0 cm x 0.8 cm and it weighs 9.3 g. The stem measures 1.2 cm x 2.3 cm and comprises about 36% of the total length of the specimen. The raw material is Burlington chert, which is found locally. Microscopic examination revealed wear resulting from cutting meat with bone contact. This specimen is resharpened and is an unclassified type that may be associated with the Middle

Archaic Period. It may be related to the Calf Creek type, but is probably younger. Similarly shaped specimens were recovered in Calf Creek Cave in a disturbed context (Dickson 1970:63).

Artifacts cataloged as 1-4 include four bifacial knife midsections. All have missing tips, damaged blades, no shoulders and missing stems and bases. None exhibit edge abrading or beveling. The raw material is heat-treated Burlington chert, which is found locally. Microscopic examination revealed wear resulting from cutting meat with bone contact. These are of an unclassified type not associated with a specific cultural period.

Artifacts cataloged as 1-5 include nine bifacial knife midsections. All have missing tips, damaged blades, no shoulders and missing stems and bases. None exhibit edge abrading or beveling. The raw material is heat-treated Burlington chert, which is found locally. Microscopic examination revealed wear resulting from cutting meat with bone contact. These are of an unclassified type not associated with a

specific cultural period.

Artifact 1-7 is a projectile point/knife. It is an expanding stem specimen with a missing tip, a damaged blade, corner notches, square shoulders and a convex base. The tip has been carried away by an impact fracture. The cross section is biconvex with no edge abrading and no beveling. Maximum dimensions are 3.7 cm x 2.8 cm x 0.7 cm and it weighs 7.9 g. The stem measures 1.0 cm x 2.0 cm and comprises about 27% of the total length of the specimen. The raw material is heat-treated Burlington chert, which is found locally. Microscopic examination revealed wear resulting from



cutting meat without bone contact. This specimen is resharpened and most closely resembles the Big Creek type, which is associated with the Late Archaic Period.



Artifact 1-8 is a bifacial knife. It is an expanding stem specimen with a damaged tip, an excurvate blade, square shoulders and a concave base. The cross section is biconvex with edge abrading on the base and stem and no beveling. Maximum dimensions are 3.4 cm x 2.5 cm x 0.8 cm and it weighs 6.2 g. The stem measures 1.4 cm x 1.8 cm and comprises about 41% of the total length of the specimen. The raw material is heat-treated Burlington chert, which is found locally. Microscopic examination revealed wear resulting from cutting meat with bone contact. This specimen is resharpened and is a variant of the Table Rock Stemmed type, which is associated with the Late Archaic Period.

Artifact 1-9 is a bifacial knife. It is an expanding stem specimen with a missing tip, an excurvate blade, side notches, sloping shoulders and a concave base. The cross section is rhomboidal with edge abrading on the base and beveling on the left edge of the blade. Maximum dimensions are 3.6 cm x 2.3 cm x 0.7 cm and it weighs 6.8 g. The stem measures 1.2 cm x 2.0 cm and comprises about 33% of the total length of the specimen. The raw material is heat-treated Burlington chert, which is found locally. Microscopic examination revealed wear resulting from cutting meat with bone contact. This specimen is resharpened and most closely resembles the Hanna type, which is associated with the Late Archaic Period.



Artifact 1-11 is a dart point stem. It is an expanding stem specimen with a missing tip and blade, side notches, missing shoulders and a concave base. The tip has been carried away by an impact fracture. The cross section is irregular with edge abrading on the stem and no beveling. Maximum dimensions are 2.6 cm x 1.8 cm x 0.6 cm and it weighs 4.0 g. The stem measures 1.3 cm x 1.8 cm and comprises 50% of the total length of the specimen. The raw material is heat-treated Burlington chert, which is found locally. Microscopic examination revealed no evidence of use-wear. This specimen is exhausted and most closely resembles the Hanna type, which is associated with the Late Archaic

Period.

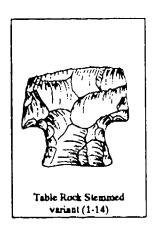


Artifact 1-12 is a dart point. It is an expanding stem specimen with a missing tip, a damaged blade, side notches, sloping shoulders and a concave base. The tip has been carried away by an impact fracture. The cross section is biconvex with edge abrading on and immediately above, the sloping shoulders but no beveling. Maximum dimensions are 3.8 cm x 2.3 cm x 0.8 cm and it weighs 7.3 g. The stem measures 1.3 cm x 2.0 cm and comprises about 34% of the total length of the specimen. The raw material is heat-treated Burlington

chert, which is found locally. Microscopic examination revealed no evidence of use-wear. This specimen is resharpened and most closely resembles the Hanna type, which is associated with the Late Archaic Period.

Artifact 1-13 is a dart point. It is an expanding stem specimen with a pointed tip, a straight blade, side notches, sloping shoulders and a concave base. The cross section is biconvex with edge abrading on the base and stem and no beveling. Maximum dimensions are 2.2 cm x 2.2 cm x 0.7 cm and it weighs 4.0 g. The stem measures 1.2 cm x 2.2 cm and comprises about 55% of the total length of the specimen. The raw material is heat-treated Burlington chert, which is found locally. Microscopic examination revealed no evidence of use-wear. This specimen is exhausted and most closely resembles the Hanna type, which is associated with the Late Archaic Period. This specimen has been resharpened to a pointed stub, probably on a foreshaft. The steeply beveled edges would not be effective as a cutting tool. It was probably resharpened in the field and discarded when new a biface was made.

Artifact 1-14 is a bifacial knife proximal. It is an expanding stem specimen with a missing tip and blade, barbed shoulders and a straight base. The cross section is biconvex with edge abrading on the stem and no beveling. Maximum dimensions are 2.5 cm x 2.7 cm x 0.6 cm and it weighs 5.6 g. The stem measures 1.1 cm x 1.9 cm and comprises about 44% of the total length of the specimen. The raw material is heat-treated Burlington chert, which is found locally. Microscopic examination revealed wear resulting from cutting meat with bone contact. This specimen is a variant of the Table Rock Stemmed type, which is associated with the Late Archaic Period.



Artifact 1-15 is a bifacial knife midsection. It has a missing tip, an excurvate blade, side notches, square shoulders and a missing stem and base. The cross section is biconvex with no edge abrading and no beveling. Maximum dimensions are 4.3 cm x 3.3 cm x 0.6 cm and it weighs 10.0 g. The raw material is heat-treated Elsey chert, which is generally found further south. Microscopic examination revealed wear resulting from cutting meat with bone contact. This specimen most closely resembles the Gibson type, which is associated with the Woodland Period.

Artifact 1-16 is a dart point. It is an expanding stem specimen with a missing tip, a damaged blade, side notches, sloping shoulders and a concave base. The tip has been carried away by an impact fracture. The cross section is biconvex with edge abrading on the notches and no beveling. Maximum dimensions are 2.6 cm x 2.0 cm x 0.8 cm and it weighs 5.5 g. The stem measures 1.4 cm x 2.0 cm and comprises about 54% of the total length of the specimen. The raw material is heat-treated Burlington chert, which is found locally. Microscopic examination revealed no evidence of use-wear. This specimen is exhausted and most closely resembles the Hanna type, which is associated with the Late Archaic Period.

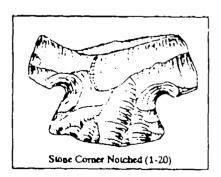
Artifact 1-17 is a dart point stem. It is an expanding stem specimen with a missing tip, a damaged blade, corner notches, missing shoulders and a convex base. The tip has been carried away by an impact fracture. The cross section is biconvex with no edge abrading and no beveling. Maximum dimensions are 3.8 cm x 3.1 cm x 0.8 cm and it weighs 10.9 g. The stem measures 1.2 cm x 2.7 cm and comprises about 32% of the total length of the specimen. The raw material is heat-treated Burlington chert, which is found locally. Microscopic examination revealed no evidence of use-wear. This specimen is exhausted and most closely resembles the Big Creek type, which is associated with the Late Archaic Period.

Artifact 1-18 is a bifacial knife. It is an expanding stem specimen with a missing tip (which was probably pointed), a straight blade, side notches, sloping shoulders and a straight base. The cross section is diamond-shaped with no edge abrading and no beveling. Maximum dimensions are 5.0 cm x 2.0 cm x 0.9 cm and it weighs 10.0 g. The stem measures 1.2 cm x 2.0 cm and comprises about 24% of the total length of the specimen. The raw material is heat-treated Burlington chert, which is found locally. Microscopic examination revealed wear resulting from cutting meat with bone contact. This specimen is exhausted and is an unclassified type, which may be associated with the Woodland Period. Probably it was a Steuben or Rice Side Notched, but it has been too extensively resharpened to be certain.



Artifact 1-19 is a bifacial knife. It is an expanding stem specimen with a missing tip, a damaged blade, corner notches, barbed shoulders and a convex base. The cross section is biconvex with no edge abrading and no beveling. Maximum dimensions are 4.0 cm x 3.5 cm x 0.9 cm and it weighs 10.2 g. The stem measures 1.5 cm x 2.7 cm and comprises about 38% of the total length of the specimen. The raw material is Burlington chert, which is found locally. Microscopic examination revealed wear resulting from cutting meat with bone contact. This specimen is resharpened and most closely resembles the Stone Corner Notched type, which is associated with the Late Archaic Period.

Artifact 1-20 is a stemmed biface proximal. It is an expanding stem specimen with a missing tip and blade, corner notches, barbed shoulders and a convex base. The cross section is biconvex with edge abrading on the base and no beveling. Maximum dimensions are $2.9 \, \mathrm{cm} \times 4.4 \, \mathrm{cm} \times 0.7 \, \mathrm{cm}$ and it weighs $9.3 \, \mathrm{g}$. The stem measures $1.4 \, \mathrm{cm} \times 3.0 \, \mathrm{cm}$ and comprises about 48% of the total length of the specimen. The raw material is heat-treated



Burlington chert, which is found locally. Microscopic examination revealed no evidence of use-wear. This specimen most closely resembles the Stone Corner Notched type, which is associated with the Late Archaic Period.

Artifact 1-21 is a projectile point/knife proximal. It is an expanding stem specimen with a missing tip, a damaged blade, corner notches, barbed shoulders and a convex base. The tip has been carried away by an impact fracture. The cross section is biconvex with no edge abrading and no beveling. Maximum dimensions are 4.2 cm x 3.3 cm x 0.9 cm and it weighs 12.6 g. The stem measures 1.3 cm x 2.7 cm and comprises about 31% of the total length of the specimen. The raw material is heat-treated Burlington chert, which is found locally. Microscopic examination revealed wear resulting from cutting meat with bone contact. This specimen most closely resembles the Stone Corner Notched type, which is associated with the Late Archaic Period. Some damage has resulted from heat, as evidence by a potlid fracture on one face.

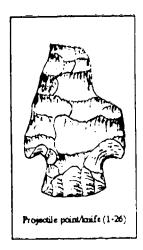
Artifact 1-22 is a stemmed biface proximal. It is an expanding stem specimen with a missing tip and blade, corner notches, square shoulders and a convex base. The cross section is biconvex with edge abrading on the base and no beveling. Maximum dimensions are 3.1 cm x 2.9 cm x 0.8 cm and it weighs 8.9 g. The stem measures 1.4 cm x 2.9 cm and comprises about 45% of the total length of the specimen. The raw material is heat-treated Burlington chert, which is found locally. Microscopic examination revealed no evidence of use-wear. This specimen is exhausted and most closely resembles the Kings Corner Notched type, which is associated with the Late Archaic Period.

Artifact 1-24 is a biface fragment. It is an expanding stem specimen with a missing tip, a damaged blade, side notches, barbed shoulders and a convex base. The cross section is biconvex with edge abrading on the base and no beveling. Maximum dimensions are 3.1 cm x 2.8 cm x 0.8 cm and it weighs 8.0 g. The stem measures 1.3 cm x 2.5 cm and comprises about 42% of the total length of the specimen. The raw material is heat-treated Burlington chert, which is found locally. Microscopic examination revealed wear resulting from cutting meat with bone contact. This specimen most closely resembles the Big Creek type, which is associated with the Late Archaic Period.



Artifact 1-25 is a projectile point/knife. It is an expanding stem specimen with a missing tip by an impact fracture, a damaged blade, side notches, barbed shoulders and a convex base. The cross section is biconvex with no edge abrading and no beveling. Maximum dimensions are 4.1 cm x 2.9 cm x 0.7 cm and it weighs 8.0 g. The stem measures 1.6 cm x 2.3 cm and comprises about 39% of the total length of the specimen. The raw material is Keokuk chert, which is abundant further south but may be available locally in highly restricted areas. Microscopic examination revealed wear resulting from cutting meat without bone contact. This specimen most closely resembles the Late Archaic Feriod Texas Palmillas type not generally found as far north as Missouri.

Artifact 1-26 is a projectile point/knife. It is an expanding stem specimen with a missing tip, a damaged blade, corner notching, barbed shoulders and a convex base. The tip has been carried away by an impact fracture. The cross section is biconvex with no edge abrading and no beveling. Maximum dimensions are 3.9 cm x 2.6 cm x 0.6 cm and it weighs 6.8 g. The stem measures 1.0 cm x 1.8 cm and comprises about 26% of the total length of the specimen. The raw material is heat-treated Burlington chert, which is found locally. Microscopic examination revealed wear resulting from cutting meat with bone contact. This specimen is an unclassified type, which may be associated with the Late Woodland Period. Similarly shaped bifaces were found in Late Woodland context at the Albertson Site (3BE174; Dickson 1991:131).



Artifact 1-27 is a bifacial knife. It is an expanding stem corner removed specimen with a missing tip, a damaged blade, sloping shoulders and a straight base. The cross section is biconvex with no edge abrading and no beveling. Maximum dimensions are 3.9 cm x 2.3 cm x 0.5 cm and it weighs 5.5 g. The stem measures 1.2 cm x 1.8 cm and comprises about 31% of the total length of the specimen. The raw material is heat-treated Burlington chert, which is found locally. Microscopic examination revealed wear resulting from cutting meat with bone contact. This specimen is resharpened and is an unclassified type that may be associated with the Late Woodland Period.

Artifact 1-28 is a bifacial knife proximal. It is a parallel stem specimen with a missing tip, a damaged blade, basal notches, barbed shoulders and a missing base. The cross section is biconvex with no edge abrading and no beveling. Maximum dimensions are 3.3 cm x 3.7 cm x 0.9 cm and it weighs 13.6 g. The raw material is heat-treated Burlington chert, which is found locally. Microscopic examination revealed wear resulting from cutting meat with bone contact. This specimen is resharpened and most closely resembles the Smith type, which is associated with the Late Archaic Period.

Artifact 1-33 is a projectile point/knife proximal. It is an expanding stem specimen with a missing tip, a damaged blade, side notches, sloping shoulders and a convex base. The tip has been carried away by an impact fracture. The cross section is biconvex with no edge abrading and no beveling. Maximum dimensions are 4.2 cm x 2.5 cm x 0.9 cm and it weighs 10.2 g. The stem measures 1.2 cm x 2.5 cm and comprises about 29% of the total length of the specimen. The raw material is Burlington chert, which is found locally. Microscopic examination revealed wear resulting from cutting meat with bone contact. This specimen most closely resembles the Rice Side Notched type, which is associated with the Woodland Period.

Artifact 1-34 is a projectile point/knife proximal. It is an expanding stem specimen with a missing tip, a damaged blade, side notches, missing shoulders and a concave base. The tip has been carried away by an impact fracture. The cross section is biconvex with

no edge abrading and no beveling. Maximum dimensions are $4.5 \text{ cm} \times 2.3 \text{ cm} \times 0.7 \text{ cm}$ and it weighs 8.7 g. The raw material is heat-treated Burlington chert, which is found locally. Microscopic examination revealed wear resulting from cutting meat with bone contact. This specimen most closely resembles the Rice Side Notched type, which is associated with the Woodland Period.



Artifact 1-35 is a bifacial drill proximal. It is an expanding stem specimen with a missing tip and blade, no shoulders and a convex base. The cross section is diamond-shaped with no edge abrading and no beveling. Maximum dimensions are 3.4 cm x 3.2 cm x 0.9 cm and it weighs 9.6 g. The stem measures 2.0 cm x 3.3 cm and comprises about 59% of the total length of the specimen. The raw material is heat-treated Burlington chert, which is found locally. Microscopic examination revealed wear resulting from perforating. This specimen is an unclassified type not associated with a specific cultural period.

Artifact 1-36 is a bifacial drill midsection. It is an missing stem specimen with a missing tip, a damaged blade, no shoulders and a missing base. The cross section is diamond-shaped with no edge abrading and no beveling. Maximum dimensions are 3.2 cm x 1.8 cm x 0.8 cm and it weighs 6.0 g. The raw material is heat-treated Burlington chert, which is found locally. Microscopic examination revealed wear resulting from perforating. This specimen is an unclassified type not associated with a specific cultural period.

23DA387

23DA387 is a prehistoric habitation exhibiting evidence of Early to Late Archaic and Middle to Late Woodland Period occupations. It was recorded by Howard Wimmer in 1988 when he collected 88 artifacts weighing 1,221.7 g. These included 5 biface fragments (23.6 g), 9 stemmed biface fragments (65.7 g), 1 dart point (12.7 g), 2 bifacial

drill fragments (13.2 g), 12 bifacial knife fragments (167.4 g), 13 bifacial knives (157.1 g), 1 flake knife (12.3 g), 1 knife/scraper fragment (14.8 g), 1 knife/scraper (13.3 g), 36 preform fragments(604.5 g), 3 preforms (90.5 g), 1 projectile point/knife fragment (11.3 g), 2 projectile point/knives (22.1 g) and 1 bifacial side scraper fragment (13.2 g).

Artifact 1-2 is a bifacial knife. It is an expanding stem specimen with a pointed tip, an excurvate blade, side notches, sloping shoulders and a concave base. The cross section is irregular with edge abrading on the base and stem and beveling on the left edge of the blade. Maximum dimensions are $5.7 \, \text{cm} \times 2.5 \, \text{cm} \times 0.8$ cm and it weighs 12.5 g. The stem measures 1.4 cm \times 2.5 cm and comprises about 25% of the total length of the specimen. The raw



material is Keokuk chert, which is abundant further south but may be available locally in highly restricted areas. Microscopic examination revealed wear resulting from cutting meat with bone contact. This specimen is resharpened and is a variant of the Rice Lobed type, which is associated with the Early Archaic Period.

Artifacts cataloged as 1-3 include four bifacial knife midsections. All have missing tips, damaged blades, no shoulders and missing stems and bases. None exhibit edge abrading or beveling. The raw material is Burlington chert (both heat-treated and untreated), which is found locally. Microscopic examination revealed wear resulting from cutting meat with bone contact. This specimen is an unclassified type not associated with a specific cultural period.

Artifact 1-4 is a bifacial knife. It is an expanding stem specimen with a pointed tip, an asymmetrical blade, side notches, sloping shoulders and a convex base. The cross section is rhomboidal with edge abrading on the stem and beveling on the right blade edge. Maximum dimensions are 5.8 cm x 3.8 cm x 0.9 cm and it weighs 18.6 g. The stem measures 1.6 cm x 3.3 cm and comprises about 28% of the total length of the specimen. The raw material is heat-treated Burlington chert, which is found locally. Microscopic examination revealed wear resulting from cutting meat with bone contact. This specimen is resharpened and most closely resembles the Big Creek variant type, which is associated with the Late Archaic Period.

Artifact 1-5 is a bifacial knife. It is an expanding stem specimen with a missing tip, a damaged blade, corner notches, square shoulders and a convex base. The cross section is biconvex with edge abrading on the stem but no beveling. Maximum dimensions are 4.2 cm x 3.8 cm x 0.9 cm and it weighs 17.7 g. The stem measures 1.3 cm x 2.7 cm and comprises about 31% of the total length of the specimen. The raw material is heat-treated Burlington chert, which is found locally. Microscopic examination revealed wear resulting from cutting meat with bone contact. This specimen most closely resembles the Big Creek type, which is associated with the Late Archaic Period.

Artifact 1-6 is a bifacial knife. It is an expanding stem specimen with a broad tip, a straight blade, corner notches, barbed shoulders and a convex base. The cross section is biconvex with no edge abrading and no beveling. Maximum dimensions are 3.6 cm x 3.5



cm x 0.8 cm and it weighs 10.0 g. The stem measures 1.4 cm x 3.2 cm and comprises about 39% of the total length of the specimen. The raw material is heat-treated Burlington chert, which is found locally. Microscopic examination revealed wear resulting from cutting meat with bone contact. This specimen is exhausted and most closely resembles the Big Creek type, which is associated with the Late Archaic Period.

Artifact 1-7 is a bifacial knife. It is an expanding stem specimen with a missing tip, a damaged blade, corner notches, square shoulders and a straight base. The cross section is

biconvex with edge abrading on the stem and no beveling. Maximum dimensions are 4.1 cm x 3.6 cm x 0.8 cm and it weighs 12.0 g. The stem measures 1.4 cm x 2.5 cm and comprises about 34% of the total length of the specimen. The raw material is heat-treated Burlington chert, which is found locally. Microscopic examination revealed wear resulting from cutting meat with bone contact. This specimen is resharpened and most closely resembles the Stone Corner Notched type, which is associated with the Late Archaic Period.

Artifact 1-8 is a bifacial knife. It is an expanding stem specimen with a rounded tip, an excurvate blade, side notches, square shoulders and a convex base. The cross section is biconvex with no edge abrading and no beveling. Maximum dimensions are 2.7 cm x 2.8 cm x 0.6 cm and it weighs 5.3 g. The stem measures 1.2 cm x 2.7 cm and comprises about 44% of the total length of the specimen. The raw material is heat-treated Burlington chert, which is found locally. Microscopic examination revealed wear resulting from cutting meat without bone contact. This specimen is exhausted and most closely resembles the Big Creek type, which is associated with the Late Archaic Period.

Artifact 1-10 is a projectile point/knife. It is an expanding stem specimen with a missing tip, an excurvate blade, corner notches, barbed shoulders and a straight base. The tip has been carried away by an impact fracture. The cross section is biconvex with edge abrading on the stem and no beveling. Maximum dimensions are 4.6 cm x 4.0 cm x 0.9 cm and it weighs 14.5 g. The stem measures 1.5 cm x 2.8 cm and comprises about 33% of the total length of the specimen. The raw material is heat-treated Burlington chert, which is found locally. Microscopic examination revealed wear resulting from cutting meat with bone contact. This specimen most closely resembles the Stone Corner Notched type, which is associated with the Late Archaic Period.

Artifact 1-11 is a bifacial knife/scraper. It is an expanding stem specimen with a resharpened tip, an excurvate blade, square shoulders and a straight base. The cross section is biconvex with edge abrading on the stem but no beveling. Maximum dimensions are 3.9 cm x 3.8 cm x 0.8 cm and it weighs 13.3 g. The stem measures 1.3 cm x 2.3 cm and comprises about 33% of the total length of the specimen. The raw material is heat-treated Burlington chert, which is found locally. Microscopic examination revealed wear resulting from scraping dry hide. This specimen is an unclassified type, which may be associated with the Late Archaic Period.



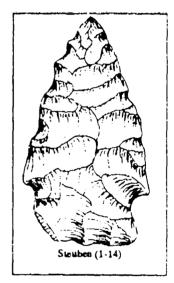
Artifact 1-12 is a bifacial side scraper midsection. It has a missing tip, a straight blade, corner notches, barbed shoulders and a missing stem and base. The cross section is biconvex with edge abrading on the blade and no beveling. Maximum dimensions are $4.6 \, \mathrm{cm} \times 3.0 \, \mathrm{cm} \times 0.6 \, \mathrm{cm}$ and it weighs 13.2 g. The raw material is heat-treated Burlington chert, which is found locally. Microscopic examination revealed wear resulting from

scraping an abrasive substance, probably dried pottery. This specimen is an unclassified type not associated with a specific cultural period.



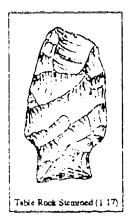
Artifact 1-13 is a bifacial knife. It is a parallel stem specimen with a missing tip, a damaged blade, square shoulders and a straight base. The cross section is rhomboidal with edge abrading on the stem and beveling on the right blade edge. Maximum dimensions are 4.6 cm x 4.5 cm x 0.9 cm and it weighs 19.0 g. The stem measures 2.6 cm x 2.7 cm and comprises about 57% of the total length of the specimen. The raw material is heat-treated Burlington chert, which is found locally. Microscopic examination revealed wear resulting from cutting meat with bone contact. This specimen most closely resembles the Stone Square Stemmed type, which is associated with the Late Archaic Period.

Artifact 1-14 is a bifacial knife. It is an expanding stem specimen with a pointed tip, an excurvate blade, side notches, square shoulders and a straight base. The cross section is biconvex with edge abrading on the notches and no beveling. Maximum dimensions are 5.9 cm x 3.2 cm x 0.9 cm and it weighs 8.8 g. The stem is 1.5 cm long and comprises about 25% of the total length of the specimen. The raw material is Jefferson City chert, which is found locally in the deeper valleys. Microscopic examination revealed wear resulting from cutting meat with bone contact. This specimen is resharpened and most closely resembles the Steuben type, which is associated with the Woodland Period.



Artifacts cataloged as 1-15 include four stemmed biface proximals. All have expanding stems, missing tips and blades, corner notches, square shoulders and a straight bases. None exhibit edge abrading or beveling. Raw materials include heat-treated Reeds Spring and heat-treated Burlington chert, which is found locally. Microscopic examination revealed no evidence of use-wear. These specimens are of an unclassified type, which may be associated with the Late Archaic Period.

Artifacts cataloged as 1-16 include five bifacial knife midsections. All have missing tips, damaged blades, no shoulders and missing stems and bases. None exhibit edge abrading or beveling. The raw material is heat-treated Burlington chert, which is found locally. Microscopic examination revealed wear resulting from cutting meat with bone contact. These specimens are of an unclassified type not associated with a specific cultural period.



Artifact 1-17 is a projectile point/knife. It is a parallel stem specimen with a missing tip, a damaged blade, sloping shoulders and a straight base. The tip has been carried away by an impact fracture. The cross section is biconvex with edge abrading on the stem and no beveling. Maximum dimensions are 3.8 cm x 2.2 cm x 0.8 cm and it weighs 7.6 g. The stem measures 1.1 cm x 1.5 cm and comprises about 29% of the total length of the specimen. The raw material is heat-treated Burlington chert, which is found locally. Microscopic examination revealed wear resulting from cutting meat with bone contact. This specimen is resharpened and is a variant of the Table Rock Stemmed type, which is associated with the Late Archaic Period.

Artifact 1-18 is a bifacial drill proximal. It is an expanding stem specimen with a missing tip, a damaged blade, side notches, sloping shoulders and a convex base. The cross section is biconvex with edge abrading on the notches but no beveling. Maximum dimensions are 3.1 cm x 2.8 cm x 0.7 cm and it weighs 6.1 g. The stem measures 1.3 cm x 2.8 cm and comprises about 42% of the total length of the specimen. The raw material is heat-treated Burlington chert, which is found locally. Microscopic examination revealed wear resulting from perforating. This specimen is an unclassified type, which may be associated with the Late Archaic Period.



Artifact 1-19 is a bifacial drill midsection. It has a missing tip and blade, no shoulders and a missing stem and base. The cross section is diamond-shaped with no edge abrading and no beveling. Maximum dimensions are 3.3 cm x 2.5 cm x 0.7 cm and it weighs 7.1 g. The raw material is Burlington chert, which is found locally. Microscopic examination revealed wear resulting from perforating. This specimen is an unclassified type not associated with a specific cultural period.

Artifact 1-20 is a bifacial knife. It is an unstemmed specimen with a missing tip, a damaged blade, no notches, no shoulders and a straight base. The cross section is biconvex with no edge abrading and no beveling. Maximum dimensions are 3.3 cm x 2.8 cm x 0.7 cm and it weighs 6.2 g. The raw material is heat-treated Burlington chert, which is found locally. Microscopic examination revealed wear resulting from cutting meat with bone contact. This specimen is an unclassified type not associated with a specific cultural period.

Artifact 1-21 is a bifacial knife. It is an expanding stem specimen with a missing tip, a damaged blade, side notches, missing shoulders and a convex base. The cross section is biconvex with edge abrading in the notches and no beveling. Maximum dimensions are 5.3 cm x 2.2 cm x 0.8 cm and it weighs 11.2 g. The stem measures 1.3 cm x 2.1 cm and comprises about 25% of the total length of the specimen. The raw material

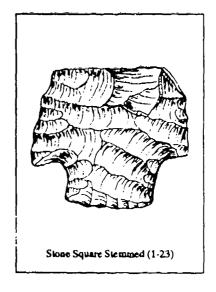
is heat-treated Burlington chert, which is found locally. Microscopic examination revealed battering and wear resulting from cutting bone or antler. This specimen is exhausted and most closely resembles the Rice Side Notched type, which is associated with the Woodland Period.



Artifact 1-22 is a stemmed biface proximal. It is an expanding stem specimen with a missing tip and blade, side notches, missing shoulders and a concave base. The cross section is biconvex with edge abrading in the notches but no beveling. Maximum dimensions are 2.5 cm x 2.8 cm x 0.8 cm and it weighs 7.4 g. The stem measures 1.5 cm x 2.8 cm and comprises 60% of the total length of the specimen. The raw material is heat-treated Burlington chert, which is found locally. Microscopic examination

revealed no evidence of use-wear. This specimen is a variant of the White River type, which is associated with the Middle Archaic Period. This is a fairly rare variant of White River type. Instead of being parallel below the notches, this area contracts sharply to a basal notch.

Artifact 1-23 is a projectile point/knife stem. It is a parallel stem corner removed specimen with a missing tip, a damaged blade, barbed shoulders and a concave base. The tip has been carried away by an impact fracture. The cross section is biconvex with edge abrading on the stem but no beveling. Maximum dimensions are 3.5 cm x 4.2 cm x 0.8 cm and it weighs 12.9 g. The stem measures 1.2 cm x 2.3 cm and comprises about 34% of the total length of the specimen. The raw material is heat-treated Burlington chert, which is found locally. Microscopic examination revealed wear resulting from cutting meat with bone contact. This specimen most closely resemble the Stone Square Stemmed type, which is associated with the Late Archaic Period.





Artifact 1-24 is a bifacial knife proximal. It is an expanding stem specimen with a missing tip, a damaged blade, corner notches, barbed shoulders and a straight base. It is split lengthwise through blade and stem. The cross section is biconvex with no edge abrading and no beveling. Maximum dimensions are 4.8 cm x 2.4 cm x 1.1 cm and it weighs 18.1 g. The stem is 1.3 cm long and comprises about 27% of the total length of the specimen. The raw material is heat-treated Burlington chert, which is found locally. Microscopic examination revealed wear resulting from cutting meat with bone contact. This specimen most closely resembles the Afton type, which is associated with the Late Archaic Period.

Artifact 1-25 is a bifacial knife. It is an expanding stem specimen with a missing tip, a damaged blade, corner notches, square shoulders and a convex base. The cross section is biconvex with no edge abrading and no beveling. Maximum dimensions are 3.6 cm x 2.9 cm x 0.8 cm and it weighs 9.4 g. The stem measures 1.2 cm x 2.7 cm and comprises about 33% of the total length of the specimen. The raw material is heat-treated Burlington chert, which is found locally. Microscopic examination revealed wear resulting from cutting meat with bone contact. This specimen is exhausted and most closely resembles the Big Creek type, which is associated with the Late Archaic Period.



Artifact 1-26 is a dart point. It is an expanding stem specimen with a missing tip, a damaged blade, corner notches, missing shoulders and a convex base. The tip has been carried away by and impact fracture. The cross section is biconvex with no edge abrading and no beveling. Maximum dimensions are 4.1 cm x 3.3 cm x 0.8 cm and it weighs 12.7 g. The stem measures 1.4 cm x 3.2 cm and comprises about 34% of the total length of the specimen. The raw material is heat-treated Burlington chert, which is found locally. Microscopic examination revealed no evidence of use-wear. This specimen is exhausted and most closely resembles the Big Creek type, which is associated with the Late Archaic Period.

Artifact 1-27 is a stemmed biface midsection. It is an expanding stem specimen with a missing tip, a damaged blade, corner notches, missing shoulders and a missing base. The cross section is biconvex with no edge abrading and no beveling. Maximum dimensions are 4.9 cm x 3.7 cm x 0.9 cm and it weighs 13.7 g. The raw material is heattreated Burlington chert, which is found locally. Microscopic examination revealed wear resulting from battering, however, the stem is mostly missing and the blade margins are so battered that evaluation of function is impossible. This specimen is resharpened and most closely resembles the Big Creek type, which is associated with the Late Archaic Period.

Artifact 1-28 is a bifacial knife proximal. It is a parallel stem specimen with a missing tip, a damaged blade, barbed shoulders and a straight base. The cross section is biconvex with no edge abrading and no beveling. Maximum dimensions are 4.8 cm x 3.2 cm x 0.8 cm and it weighs 12.6 g. The stem is 1.1 cm long and comprises about 23% of the total length of the specimen. The raw material is Elsey chert, which is generally found further south. Microscopic examination revealed wear resulting from cutting meat with bone contact. This specimen is resharpened and most closely resembles the Stone Square Stemmed type, which is associated with the Late Archaic Period.

Artifact 1-29 is a bifacial knife. It is an expanding stem specimen with a missing tip, a damaged blade, side notches, barbed shoulders and a straight base. The cross section is biconvex with no edge abrading and no beveling. Maximum dimensions are $4.3 \, \mathrm{cm} \times 2.8 \, \mathrm{cm} \times 0.6 \, \mathrm{cm}$ and it weighs $8.0 \, \mathrm{g}$. The stem measures $1.1 \, \mathrm{cm} \times 2.5 \, \mathrm{cm}$ and comprises about 26% of the total length of the specimen. The raw material is heat-treated

Burlington chert, which is found locally. Microscopic examination revealed wear resulting from cutting meat with bone contact. This specimen is resharpened and most closely resembles the Steuben type, which is associated with the Woodland Period.

Artifact 1-30 is a strammed biface proximal. It is an expanding stem specimen with a missing tip and blade, corner notches, barbed shoulders and a straight base. The cross section is biconvex with edge abrading on the stem but no beveling. Maximum dimensions are 2.5 cm x 3.3 cm x 0.8 cm and it weighs 7.9 g. The stem measures 1.4 cm x 3.3 cm and comprises about 56% of the total length of the specimen. The raw material is heattreated Burlington chert, which is found locally. Microscopic examination revealed no evidence of use-wear. This specimen most closely resembles the Stone Corner Notched type, which is associated with the Late Archaic Period.

Artifact 1-31 is a stemmed biface proximal. It is an expanding stem specimen with a missing tip and blade, side notches, sloping shoulders and a straight base. The cross section is biconvex with edge abrading on the stem and no beveling. Maximum dimensions are 2.4 cm x 2.8 cm x 1.0 cm ard i, weighs 8.7 g. The stem measures 1.7 cm x 2.8 cm and comprises about 71% of the total length of the specimen. The raw material is heat-treated Burlington chert, which is found locally. Microscapic examination revealed no evidence of use-wear. This specimen is a variant of the Stone Corner Notched type, which is associated with the Late Archaic Period.

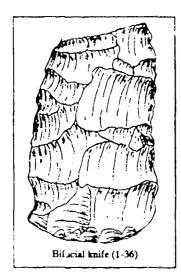
Artifact 1-32 is a stemmed biface proximal. It is an expanding stem specimen with a missing tip and blade, corner notches, square shoulders and a convex base. The cross section is biconvex with no edge abrading and no beveling. Maximum dimensions are 1.8 cm x 3.5 cm x 0.7 cm and it weighs 5.1 g. The stem measures 1.2 cm x 2.8 cm and comprises about 67% of the total length of the specimen. The raw material is heat-treated Burlington chert, which is found locally. Microscopic examination revealed no evidence of use-wear. This specimen most closely resembles the Stone Corner Notched type, which is associated with the Late Archaic Period.

Artifact 1-33 is a projectile point/knife proximal. It is an expanding stem specimen with a missing tip, a damaged blade, corner notches, barbed shoulders and a converbase. The tip has been carried away by an impact fracture. The cross section is biconvex with edge abrading on the stem and no beveling. Maximum dimensions are 3.9 cm x 2.9 cm x 0.9 cm and it weighs 11.3 g. The stem measures 1.3 cm x 2.9 cm and comprises about 3.7% of the total length of the specimen. The raw material is heat-treated Burlington chert, which is found locally. Microscopic examination revealed wear resulting from cutting meat with bone contact. This specimen is resharpened and most closely resembles the Big Creek type, which is associated with the Late Archaic Period.

Artifact 1-34 is a bifacial knife/scraper proximal. It is an expanding stem specimen with a missing tip, a damaged blade, corner notches, barbed shoulders and a straight base. The cross section is plano-convex with edge abrading on the stem and unifacial beveling. Maximum dimensions are 4.5 cm x 3.4 cm x 0.7 cm and it weighs 14.8 g. The stem

measures 1.5 cm x 3.0 cm and comprises about 33% of the total length of the specimen. The raw material is heat-treated Burlington chert, which is found locally. Microscopic examination revealed wear resulting from cutting meat with bone contact and from scraping wet hide. This specimen is exhausted and is an unclassified type not associated with a specific cultural period.

Artifact 1-35 is a stemmed biface proximal. It is an expanding stem specimen with a missing tip, a damaged blade, basal notches, barbed shoulders and a straight base. The cross section is biconvex with no edge abrading and no beveling. Maximum dimensions are 4.0 cm x 3.5 cm x 0.9 cm and it weighs 3.9 g. The stem measures 1.0 cm x 0.0 cm and comprises 25% of the total length of the specimen. The raw material is Jefferson City chert, which is found locally in the deeper valleys. Microscopic examination revealed wear resulting from battering. This specimen is a variant of the Kings Corner Notched type, which is associated with the Late Archaic Period.



Artifact 1-36 is a bifacial knife. It is an unstemmed specimen with a missing tip, an asymmetrical blade, no notches, no shoulders and a convex base. The cross section is biconvex with no edge abrading and no beveling. Maximum dimensions are 5.7 cm x 3.5 cm x 0.7 cm and it weighs 18.4 g. The raw material is heat-treated Burlington chert, which is found locally. Microscopic examination revealed wear resulting from cutting meat with bone contact. This specimen is resharpened and is an unclassified type not associated with a specific cultural period. This may be a preform for a type like the Kings Corner Notched, but there is no hafting provision.

Artifact 1-37 is a flake knife. Maximum dimensions are 5.0 cm x 2.8 cm x 0.9 cm and it weighs 12.3 g. The raw

material is heat-treated Burlington chert, which is found locally. Microscopic examination revealed wear resulting from cutting meat with bone contact. This specimen is not associated with a cultural period.

23DA388

23DA388 is a prehistoric habitation exhibiting evidence of Late Archaic and Woodland Period occupations. It was recorded by Howard Wimmer in 1988 when he collected 3 artifacts weighing 31.6 g. These included 1 stemmed biface (8.2 g), 1 bifacial knife fragment (13.8 g) and 1 bifacial knife (9.6 g).

Artifact 1-1 is a bifacial knife. It is a contracting stem corner removed specimen with a missing tip, a damaged blade, sloping shoulders and a straight bare. The cross section is biconvex with no edge abrading and no beveling. Maximum dimensions are 4.3 cm x 3.0 cm x 0.8 cm and it veighs 9.6 g. The stem measures 1.5 cm x 1.9 cm and comprises about 35% of the total length of the specimen. The raw material is heat-treated

Burlington chert, which is found locally. Microscopic examination revealed wear resulting from cutting meat with bone contact. This specimen is resharpened and most closely resembles the Langtry type, which is associated with the Late Archaic through Woodland periods.

Artifact 1-2 is a bifacial knife midsection. It has a missing tip, a damaged blade, no notches, missing shoulders and a missing stem and base. The cross section is biconvex with no edge abrading and no beveling. Maximum dimensions are $3.8 \text{ cm} \times 0.7 \text{ cm}$ and it weighs 13.8 g. The raw material is heattreated Burlington chert, which is found locally. Microscopic



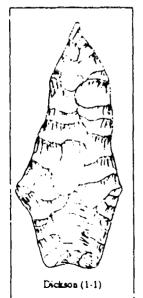
examination revealed wear resulting from cutting meat with bone contact. This specimen is an unclassified type not associated with a specific cultural period

Artifact 1-3 is a stemmed biface. It is an expanding stem specimen with a missing tip, an asymmetrical blade, corner notches, barbed shoulders and a convex base. The cross section is biconvex with no edge abrading and no beveling. Maximum dimensions are 4.3 cm x 3.4 cm x 0.7 cm and it weighs 8.2 g. The stem measures 1.2 cm x 2.1 cm and comprises about 28% of the total length of the specimen. The raw material is heat-treated Burlington chert, which is found locally. Microscopic examination revealed no evidence of use-wear. This specimen most closely resembles the Lander Corner Notched type, which is associated with the Woodland Period.

23DA389

23DA389 is a prehistoric habitation exhibiting evidence of Early Archaic and Middle Woodland Period occupations. It was recorded by Howard Wimmer in 1988 when he collected 6 artifacts weighing 94.2 g. These included 1 bifacial knife fragment

(6.9 g), 3 bifacial knives (29.3 g) and 2 preform fragment s(58.0 g).



Artifact 1-1 is a bifacial knife. It is a contracting stem corner removed specimen with a pointed tip, an asymmetrical blade, sloping shoulders and a straight base. The cross section is biconvex with edge abrading on the stem and no beveling. Maximum dimensions are 6.5 cm x 2.6 cm x 0.8 cm and it weighs 11.3 g. The stem measures 1.7 cm x 2.1 cm and comprises about 26% of the total length of the specimen. The raw material is heat-treated Burlington chert, which is found locally. Microscopic examination revealed wear resulting from cutting meat with bone contact. This specimen is resharpened and most closely resembles the Dickson type, which is associated with the Woodland Period.

Artifact 1-2 is a bifacial knife. It is a contracting stem corner removed specimen with a missing tip, an incurvate blade, sloping

shoulders and a damaged base. The cross section is rhomboidal with no edge abrading and beveling on the left edge of the biade. Maximum dimensions are 3.9 cm x 3.0 cm x 0.7 cm and it weighs 7.8 g. The stem measures 1.7 cm x 2.1 cm and comprises about 44% of the total length of the specimen. The raw material is heat-treated Burlington chert, which is found locally. Microscopic examination revealed wear reaching from cutting meat without bone contact. This specimen is exhausted and most closely resembles the Dickson type, which is associated with the Woodland Period.

Artifact 1-3 is a bifacial knife. It is a parallel stem specimen with a missing tip, a damaged blade, no notches, no shoulders and a damaged base. The cross section is rhomboidal with edge abrading on the base and stem and beveling on the left edge of the blade. Maximum dimensions are $4.0 \text{ cm} \times 2.4 \text{ cm} \times 1.0 \text{ cm}$ and it weighs 10.2 g. The stem is 1.5 cm long and comprises about 38% of the total length of the specimen. The raw material is a poor grade Jefferson City chert, which is found locally in the deeper valleys. Microscopic examination revealed wear resulting from cutting meat with bone contact. This specimen is exhausted and most closely resembles the Dalton type, which is associated with the Early Archaic Period.



Artifact 1-4 is a bifacial knife midsection. It has a missing tip, a damaged blade, no notches, no shoulders and a missing stem and base. The cross section is rhomboidal with no edge abrading and beveling on the left edge of the blade. Maximum dimensions are 3.5 cm x 2.2 cm x 0.8 cm and it weighs 6.9 g. The raw material is Jefferson City chert, which is found locally in the deeper valleys. Microscopic examination revealed wear resulting from cutting meat with bone contact. This specimen is an unclassified type not associated with a specific cultural period.

23DA390

23DA390 is a prehistoric habitation of unknown cultural affiliation. It was recorded by Howard Wimmer in 1988 when he collected 3 artifacts weighing 154.0 g. These included 1 blank (125.8 g) and 2 bifacial knife fragments (28.2 g).

Artifact 1-2 is a bifacial knife midsection. It has a missing tip, a straight blade, side notches, missing shoulders and a missing stem and base. The cross section is planoconvex with no edge abrading and unifacial beveling. Maximum dimensions are 4.2 cm x 2.3 cm x 0.7 cm and it weighs 6.4 g. The raw material is heat-treated Burlington chert, which is found locally. Microscopic examination revealed wear resulting from cutting meat with bone contact. This specimen is an unclassified type not associated with a specific cultural period.

Artifact 1-3 is a bifacial knife midsection. It has a missing tip, a damaged blade, no notches, no shoulders and a missing stem and base. The cross section is biconvex with no

edge abrading and unifacial beveling. Maximum dimensions are $5.2 \,\mathrm{cm} \times 3.7 \,\mathrm{cm} \times 0.9 \,\mathrm{cm}$ and it weighs $21.8 \,\mathrm{g}$. The raw material is heat-treated Burlington chert, which is found locally. Microscopic examination revealed wear resulting from cutting meat with bone contact and from scraping wet hide. This specimen is an unclassified type not associated with a specific cultural period.

23DA391

23DA391 is a prehistoric habitation exhibiting evidence of Late Archaic and Woodland Period occupations. It was recorded by Howard Wimmer in 1988 when he collected 2 artifacts weighing 14.6 g. These included 1 stemmed biface fragment (3.4 g) and 1 bifacial knife fragment (11.2 g).

Artifact 1-1 is a stemmed biface preximal. It is a contracting stem corner removed specimen with a missing tip and blade, sloping shoulders and a straight base. The cross section is biconvex with edge abrading on the base and stem and no beveling. Maximum dimensions are 2.5 cm x 2.4 cm x 0.7 cm and it weighs 3.4 g. The stem measures 1.3 cm x 1.7 cm and comprises about 52% of the total length of the specimen. The raw material is heat-treated Burlington chert, which is found locally. Microscopic examination revealed no evidence of use-wear. This specimen is exhausted and most closely resembles the Langtry type, which is associated with the Late Archaic through Woodland periods.

Artifact 1-2 is a bifacial knife midsection. It is an missing stem specimen with a missing tip, a damaged blade, no notches, missing shoulders and a missing base. The cross section is biconvex with no edge abrading and no beveling. Maximum dimensions are 4.4 cm x 2.7 cm x 0.7 cm and it weighs 11.2 g. The raw material is heat-treated Burlington chert, which is found locally. Microscopic examination revealed wear resulting from cutting meat with bone contact. This specimen is an unclassified type not associated with a specific cultural period.

23DA392

23DA392 is a prehistoric habitation exhibiting evidence of a Late Archaic Period occupation. It was recorded by Howard Wimmer in 1988 when he collected 4 artifacts weighing 76.1 g. These 1 cluded 1 dart point (8.0 g), 1 knife/scraper fragment (21.6 g), 1 preform fragment (38.1 g) and 1 bifacial side scraper fragment (8.4 g).



Artifact 1-1 is a dart point. It is an expanding stem specimen with a missing tip, a damaged blade, side notches, missing shoulders and a convex base. The tip has been carried away by an impact fracture. The cross section is biconvex with no edge abrading and no beveling. Maximum dimensions are 3.4 cm x 2.8 cm x 0.8 cm and it weighs 8.0 g. The stem measures 1.4 cm x 2.9 cm and comprises about 41% of the total length of the specimen. The raw material is Burlington chert, which is found locally.

Microscopic examination revealed no evidence of use-wear. This specimen is exhausted and most closely resembles the Big Creek type, which is associated with the Late Archaic Period.

Artifact 1-2 is a bifacial side scraper midsection. It is an unstemmed specimen with a missing tip, an excurvate blade, no notches, no shoulders and a missing base. The cross section is biconvex with no edge abrading and no beveling. Maximum dimensions are 3.4 cm x 3.1 cm x 0.7 cm and it weighs 8.4 g. The raw material is heat-treated Burlington chert, which is found locally. Microscopic examination revealed wear resulting from scraping dry hide. This specimen is an unclassified type not associated with a specific cultural period.

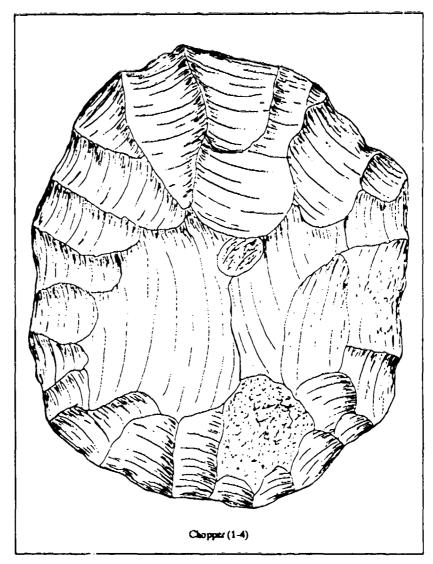
Artifact 1-3 is a bifacial end scraper distal. It is an unstemmed specimen with a rounded tip, an excurvate blade, no notches, no shoulders and a missing base. The cross section is biconvex with no edge abrading and unifacial beveling. Maximum dimensions are 5.1 cm x 3.8 cm x 1.0 cm and it weighs 21.6 g. The raw material is heat-treated Burlington chert, which is found locally. Microscopic examination revealed wear resulting from cutting meat without bone contact and from scraping dry hide. This specimen is an unclassified type not associated with a specific cultural period.

23DA393

23DA393 is a prehistoric habitation exhibiting evidence of Early to Late Archaic and Middle to Late Woodland Period occupations. It was recorded by Howard Wimmer in 1988 when he collected 183 artifacts weighing 3,619.2 g. These included 20 stemmed biface fragments (153.8 g), 1 stemmed biface (17.5 g), 6 blanks (729.1 g), 1 chopper (348.6 g), 1 core (58.5 g), 2 dart point fragments (22.6 g), 5 dart points (38.0 g), 3 bifacial drill fragments (12.3 g), 1 notched flake (10.0 g), 1 piece of hematite (31.4 g), 33 bifacial knife fragments (278.8 g), 22 bifacial knives (208.4 g), 1 flake knife (2.7 g), 2 knife/scraper fragments (12.5 g), 4 knife/scrapers (34.2 g), 70 preform fragments (1,514.4 g), 4 preforms (95.3 g), 1 aborted preform fragment (18.5 g), 1 projectile point/knife fragment (4.6 g), 3 projectile point/knives (15.2 g) and 1 bifacial spokeshave (12.8 g).

Artifacts cataloged as 1-2 include 20 bifacial knife midsections. All have missing tips, damaged blades, no notches, no shoulders and missing stems and bases. None exhibit no edge abrading or beveling. Raw materials include Reeds Spring and Burlington (both heat-treated and untreated) chert, both of which are found locally. Microscopic examination revealed wear resulting from cutting meat with bone contact. These are of an unclassified type not associated with a specific cultural period.

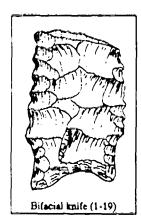
Artifact 1-4 is a chopper. It is an unstemmed specimen with a rounded tip, an excurvate blade, no notches, no shoulders and a convex base. The cross section is biconvex with no edge abrading and no beveling. Maximum dimensions are 11.9 cm x 10.0 cm x 2.7 c and it weighs 348.6 g. The raw material is heattreated Pierson chert. which is abundant in the Branson area and may be exposed in limited areas locally. Microscopic examination revealed battering but no evidence of use-wear. This specimen is an unclassified type not associated with a specific cultural period.



This large artifact may represent a preform for an axe or hoe, but some battering can be seen on margins, so it was used as is. A bit of stream cortex is present on one face, otherwise it is worked bifacially.

Artifacts cataloged as 1-6 include three bifacial knife midsections. All have missing tips, damaged blades, no notches, no shoulders and missing stems and bases. None exhibit edge abrading or beveling. The raw material is heat-treated Burlington chert, which is found locally. Microscopic examination revealed wear resulting from cutting meat with bone contact. These are of an unclassified type not associated with a specific cultural period.

Artifact 1-19 is a bifacial knife. It is an expanding stem specimen with a missing tip, a damaged blade, side notches, sloping shoulders and a concave base. The cross section is biconvex with edge abrading on the base and stem but no beveling. Maximum dimensions are 4.2 cm x 2.6 cm x 0.8 cm and it weighs 12.2 g. The stem measures 1.3 cm x 2.3 cm and comprises about 31% of the total length of the specimen. The raw material



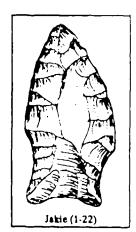
is heat-treated Burlington chert, which is found locally. Microscopic examination revealed wear resulting from cutting meat with bone contact. This specimen is resharpened and is an unclassified type, which may be associated with the Early Archaic Period. This is a fairly common but unnamed type. It resembles Breckenridge except it is unbeveled. It also resembles the Rice, but the tangs are too pointed. The stem does not expand as much as does the Middle Archaic Jakie point.

Artifact 1-20 is a stemmed biface proximal. It is a parallel stem corner removed specimen with a missing tip and blade, sloping

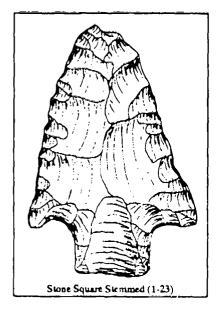
shoulders and a concave base. The cross section is biconvex with edge abrading on the base and stem but no beveling. Maximum dimensions are 2.9 cm x 2.7 cm x 0.6 cm and it weighs 5.8 g. The stem measures 1.5 cm x 2.2 cm and comprises about 52% of the total length of the specimen. The raw material is heat-treated Burlington thert, which is found locally. Microscopic examination revealed no evidence of use-wear. This specimen is an unclassified type, which may be associated with the Early Archaic Period.

Artifact 1-21 is a stemmed biface proximal. It is a parallel stem corner removed specimen with a missing tip and blade, square shoulders and a concave base. The cross section is biconvex with edge abrading on the base and stem and no beveling. Maximum dimensions are 2.8 cm x 2.4 cm x 0.7 cm and it weighs 4.4 g. The stem measures 1.4 cm x 1.9 cm and comprises 50% of the total length of the specimen. The raw material is heattreated Burlington chert, which is found locally. Microscopic examination revealed no evidence of use-wear. This specimen most closely resembles the Jakie type, which is associated with the Middle Archaic Period.

Artifact 1-22 is a bifacial knife. It is an expanding stem corner removed specimen with a rounded tip, an asymmetrical blade, sloping shoulders and a concave base. The cross section is irregular with edge abrading on the base and stem and beveling on the left edge of the blade. Maximum dimensions are 4.5 cm x 2.4 cm x 0.7 cm and it weighs 9.3 g. The stem measures 1.5 cm x 2.0 cm and comprises about 33% of the total length of the specimen. The raw material is Burlington chert, which is found locally. Microscopic examination revealed wear resulting from cutting meat with bone contact. This specimen is resharpened and most closely resembles the Jakie type, which is associated with the Middle Archaic Period.



Artifact 1-23 is a bifacial knife. It is a parallel stem corner removed specimen with a pointed tip, a straight blade, barbed shoulders and a straight base. The cross section is biconvex with edge abrading on the base and no beveling. Maximum dimensions are 6.5 cm x 4.4 cm x 1.0 cm and it weighs 23.5 g. The stem measures 1.4 cm x 2.0 cm and comprises about 22% of the total length of the specimen. The raw material is Jefferson City chert, which is found locally in the deeper valleys. Microscopic examination revealed

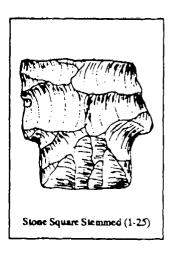


wear resulting from cutting meat with bone contact. This specimen most closely resembles the Stone Square Stemmed type, which is associated with the Late Archaic Period.

Artifact 1-24 is a bifacial knife proximal. It is a parallel stem corner removed specimen with a missing tip, a damaged blade, square shoulders and a straight base. The cross section is biconvex with edge abrading on the stem but no beveling. Maximum dimensions are 4.6 cm x 4.1 cm x 1.1 cm and it weighs 22.1 g. The stem measures 1.5 cm x 2.2 cm and comprises about 33% of the total length of the specimen. The raw material is heat-treated Burlington chert, which is found locally. Microscopic examination revealed battering and wear resulting from cutting meat with bone contact. This specimen is

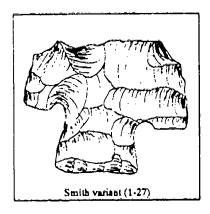
resharpened and most closely resembles the Stone Square Stemmed type, which is associated with the Late Archaic Period.

Artifact 1-25 is a bifacial knife/scraper proximal. It is a parallel stem corner removed specimen with a missing tip, a damaged blade, square shoulders and a straight base. The cross section is biconvex with edge abrading on the base and stem and no beveling. Maximum dimensions are 3.4 cm × 3.3 cm × 1.0 cm and it weighs 12.5 g. The stem measures 1.2 cm × 2.3 cm and comprises about 35% of the total length of the specimen. The raw material is Jefferson City chert, which is found locally in the deeper valleys. Microscopic examination revealed wear resulting from scraping dry hide. This specimen is resharpened and most closely resembles the Stone Square Stemmed type, which is associated with the Late Archaic Period.



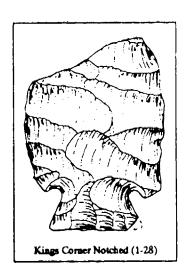
Artifact 1-26 is a bifacial knife proximal. It is a parallel stem corner removed specimen with a missing tip, a damaged blade, square shoulders and a straight base. The cross section is biconvex with edge abrading on the base and no beveling. Maximum dimensions are 3.2 cm x 3.7 cm x 0.8 cm and it weighs 12.1 g. The stem measures 1.2 cm x 2.4 cm and comprises about 38% of the total length of the specimen. The raw material is Burlington chert, which is found locally. Microscopic examination revealed wear resulting from cutting meat with bone contact. This specimen is resharpened and most closely resembles the Stone Square Stemmed type, which is associated with the Late Archaic Period.

Artifact 1-27 is a stemmed biface proximal. It is a parallel stem specimen with a missing tip and blade, basal notches, barbed shoulders and a straight base. The cross section is biconvex with edge abrading on the base and stem and no beveling. Maximum

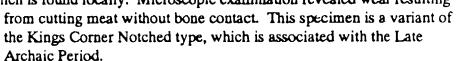


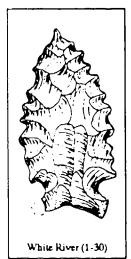
dimensions are $3.5 \text{ cm} \times 4.2 \text{ cm} \times 0.9 \text{ cm}$ and it weighs 13.6 g. The stem measures $1.3 \text{ cm} \times 2.3 \text{ cm}$ and comprises about 37% of the total length of the specimen. The raw material is heat-treated Burlington chert, which is found locally. Microscopic examination revealed no evidence of use-wear. This specimen is a variant of the Smith type, which is associated with the Late Archaic Period. Unlike typical Smith bifaces, the stem expands slightly. The blade margins are too damaged to evaluate, however, the Smith type usually is a cutting tool.

Artifact 1-28 is a bifacial knife/scraper. It is an expanding stem specimen with a missing tip, a damaged blade, corner notches, barbed shoulders and a straight base. The cross section is biconvex with edge abrading on the base and stem but no beveling. Maximum dimensions are 4.9 cm x 3.6 cm x 0.5 cm and it weighs 11.7 g. The stem measures 1.2 cm x 2.3 cm and comprises about 24% of the total length of the specimen. The raw material is heat-treated Burlington chert, which is found locally. Microscopic examination revealed wear resulting from cutting meat with bone contact and from scraping wet hide. This specimen most closely resembles the Kings Corner Notched type, which is associated with the Late Archaic Period.



Artifact 1-29 is a bifacial knife. It is an expanding stem specimen with a missing tip, a damaged blade, corner notches, barbed shoulders and a straight base. The cross section is biconvex with no edge abrading and no beveling. Maximum dimensions are 4.3 cm x 3.7 cm x 0.6 cm and it weighs 11.8 g. The stem measures 1.2 cm x 2.5 cm and comprises about 28% of the total length of the specimen. The raw material is heat-treated Burlington chert, which is found locally. Microscopic examination revealed wear resulting



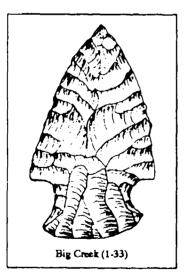


Artifact 1-30 is a bifacial knife. It is an unstemmed specimen with a pointed tip, a serrated blade, side notches, square shoulders and a concave base. The cross section is biconvex with edge abrading on the notches and no beveling. Maximum dimensions are 5.2 cm x 2.4 cm x 0.7 cm and it weighs 8.4 g. The raw material is heat-treated Burlington chert, which is found locally. Microscopic examination revealed wear resulting from cutting meat without bone contact. This specimen is a variant of the White River type, which is associated with the Middle Archaic Period. It is a typical White River Archaic shape except for the serrations which are unusual.

Artifact 1-31 is a bifacial knife/scraper. It is an expanding stem specimen with a rounded tip, an excurvate blade, corner notches, barbed shoulders and a convex base. The cross section is biconvex with no edge abrading and unifacial beveling. Maximum dimensions are 4.3 cm x 3.6 cm x 0.7 cm and it weighs 10.7 g. The stem measures 1.3 cm x 2.3 cm and comprises about 30% of the total length of the specimen. The raw material is heat-treated Burlington chert, which is found locally. The distal part has been unifacially beveled by pressure and used briefly as a scraper. Microscopic examination revealed wear resulting from cutting meat without bone contact and from scraping wet hide. This specimen is resharpened and most closely resembles the Big Creek type, which is associated with the Late Archaic Period.



Artifact 1-32 is a dart point. It is an expanding stem specimen with a missing tip, a damaged blade, corner notches, barbed shoulders and a convex base. The cross section is biconvex with edge abrading on the base and stem and no beveling. The tip has been carried away by an impact fracture. Maximum dimensions are 4.5 cm x 2.9 cm x 0.9 cm and it weighs 10.7 g. The stem measures 1.5 cm x 2.3 cm and comprises about 33% of the total length of the specimen. The raw material is heat-treated Burlington chert, which is found locally. Microscopic examination revealed no evidence of use-wear. This specimen is resharpened and most closely resembles the Big Creek type, which is associated with the Late Archaic Period.



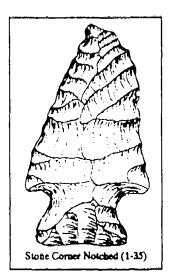
Artifact 1-33 is a bifacial knife. It is an expanding stem specimen with a pointed tip, an excurvate blade, side notches, square shoulders and a convex base. The cross section is biconvex with edge abrading on the base and stem and no beveling. Maximum dimensions are 5.5 cm x 3.2 cm x 0.9 cm and it weighs 12.8 g. The stem measures 1.4 cm x 2.7 cm and comprises about 25% of the total length of the specimen. The raw material is heat-treated Burlington chert, which is found locally. Microscopic examination revealed

wear resulting from cutting meat with bone contact. This specimen is resharpened and most closely resembles the Big Creek type, which is associated with the Late Archaic Period.

Artifact 1-34 is a bifacial knife. It is an expanding stem specimen with a missing tip, a damaged blade, side notches, sloping shoulders and a straight base. The cross section is biconvex with no edge abrading and no beveling. Maximum dimensions are 3.7 cm x



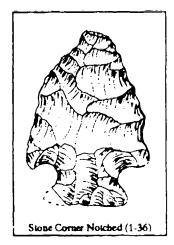
2.4 cm x 0.6 cm and it weighs 6.2 g. The stem measures 1.0 cm x 2.3 cm and comprises about 27% of the total length of the specimen. The raw material is heat-treated Burlington chert, which is found locally. Microscopic examination revealed wear resulting from cutting meat with bone contact. This specimen most closely resembles the Rice Side Notched type, which is associated with the Woodland Period. This biface was made from a curved flake with a minimum of alteration, mostly by percussion flaking.



Artifact 1-35 is a bifacial knife. It is an expanding stem specimen with a missing tip, a straight blade, corner notches, barbed shoulders and a straight base. The cross section is biconvex with no edge abrading and no beveling. Maximum dimensions are 5.7 cm x 3.3 cm x 0.8 cm and it weighs 13.5 g. The stem measures 1.3 cm x 2.4 cm and comprises about 23% of the total length of the specimen. The raw material is heattreated Burlington chert, which is found locally. Microscopic examination revealed wear resulting from cutting meat with bone contact. This specimen is resharpened and most closely resembles the Stone Corner Notched type, which is associated with the Late Archaic Period.

Artifact 1-36 is a bifacial knife.

It is an expanding stem specimen with a rounded tip, an asymmetrical blade, comer notches, barbed shoulders and a straight base. The cross section is biconvex with no edge abrading and no beveling. Maximum dimensions are 4.6 cm x 3.3 cm x 0.6 cm and it weighs 9.2 g. The stem measures 1.1 cm x 2.0 cm and comprises about 24% of the total length of the specimen. The raw material is heat-treated Burlington chert, which is found locally. Microscopic examination revealed wear resulting from cutting meat with bone contact. This specimen most closely resembles the Stone Corner Notched type, which is associated with the Late Archaic Period.



Artifact 1-38 is a stemmed biface proximal. It is an expanding stem specimen with a missing tip and blade (although the small amount of blade remaining suggests incurving margins), corner notches, barbed shoulders and a damaged base. The cross section is biconvex with no edge abrading and no beveling. Maximum dimensions are 3.5 cm x 4.2 cm x 0.8 cm and it weighs 11.2 g. The stem is 1.2 cm long and comprises about 34% of the total length of the specimen. The raw material is heat-treated Burlington chert, which is found locally. Microscopic examination revealed no evidence of use-wear. This specimen is resharpened and most closely resembles the Stone Corner Notched type, which is associated with the Late Archaic Period.

Artifact 1-39 is a bifacial knife proximal. It is an expanding stem specimen with a missing tip, a damaged blade, corner notches, square shoulders and a straight base. The

cross section is biconvex with edge abrading on the stem and no beveling. Maximum dimensions are 3.3 cm x 3.9 cm x 0.8 cm and it weighs 12.7 g. The stem measures 1.3 cm x 2.5 cm and comprises about 39% of the total length of the specimen. The raw material is heat-treated Burlington chert, which is found locally. Microscopic examination revealed wear resulting from cutting meat with bone contact. This specimen most closely resembles the Stone Corner Notched type, which is associated with the Late Archaic Period.

Artifact 1-40 is a bifacial knife/scraper proximal. It is an expanding stem specimen with a missing tip, a damaged blade, corner notches, missing shoulders and a straight base. The cross section is biconvex with no edge abrading and no beveling. Maximum dimensions are 3.2 cm x 3.3 cm x 0.9 cm and it weighs 10.1 g. The stem measures 1.4 cm x 2.8 cm and comprises about 44% of the total length ref the specimen. The raw material is heat-treated Burlington chert, which is found locally. Microscopic examination revealed wear resulting from scraping dried pottery of a soft gritty stone. This specimen is a variant of the Steuben variant type, which is associated with the Woodland Period.



Artifact 1-41 is a bifacial knife. It is an expanding stem specimen with a rounded tip, an excurvate blade, side notches, square shoulders and a straight base. The cross section is biconvex with no edge abrading and no beveling. Maximum dimensions are 3.7 cm x 3.1 cm x 0.9 cm and it weighs 9.8 g. The stem measures 1.4 cm x 3.0 cm and comprises about 38% of the total length of the specimen. The raw material is heat-treated Burlington chert, which is found locally. Microscopic examination revealed wear resulting from cutting bone or antler and from cutting soft stone. This specimen is exhausted and most closely resembles the Steuben type, which is associated with the Woodland Period.

Artifact 1-42 is a projectile point/knife. It is an expanding stem specimen with a missing tip, an incurvate blade, corner notches, barbed shoulders and a convex base. The cross section is biconvex with no edge abrading and no beveling. The tip has been carried away by an impact fracture. Maximum dimensions are 3.8 cm x 3.3 cm x 0.7 cm and it weighs 8.0 g. The stem measures 1.3 cm x 2.3 cm and comprises about 34% of the total length of the specimen. The raw material is heat-treated Burlington chert, which is found locally. Microscopic examination revealed wear resulting from cutting meat without bone contact. This specimen is resharpened and most closely resembles the Big Creek type, which is associated with the Late Archaic Period.

Artifact 1-43 is a stemmed biface proximal. It is an expanding stem specimen with a missing tip and blade, corner notches, barbed shoulders and a straight base. The cross section is biconvex with no edge abrading and no beveling. Maximum dimensions are 3.0 cm x 3.5 cm x 0.8 cm and it weighs 10.0 g. The stem measures 1.5 cm x 2.6 cm and comprises 50% of the total length of the specimen. The raw material is heat-treated

Burlington chert, which is found locally. Microscopic examination revealed no evidence of use-wear. This specimen most closely resembles the Stone Corner Notched type, which is associated with the Late Archaic Period.

Artifact 1-44 is a stemmed biface proximal. It is an expanding stem specimen with a missing tip and blade, corner notches, missing shoulders and a straight base. The cross section is biconvex with edge abrading on the base and stem



and no beveling. Maximum dimensions are $2.7 \text{ cm} \times 3.0 \text{ cm} \times 0.7 \text{ cm}$ and it weighs 8.7 g. The stem measures $1.4 \text{ cm} \times 2.8 \text{ cm}$ and comprises about 52% of the total length of the specimen. The raw material is heat-treated Burlington chert, which is found locally. Microscopic examination revealed no evidence of use-wear. This specimen most closely resembles the Stone Corner Notched type, which is associated with the Late Archaic Period.

Artifact 1-45 is a bifacial knife proximal. It is an expanding stem specimen with a missing tip, a damaged blade, corner notches, barbed shoulders and a damaged base. The cross section is biconvex with no edge abrading and no beveling. Maximum dimensions are 2.9 cm x 3.4 cm x 0.6 cm and it weighs 5.9 g. The raw material is heat-treated Burlington chert, which is found locally. Microscopic examination revealed wear resulting from cutting meat with bone contact. This specimen is resharpened and most closely resembles the Stone Corner Notched type, which is associated with the Late Archaic Period.

Artifact 1-46 is an aborted preform proximal. It is a parallel stem specimen with a missing tip and blade, basal notches, barbed shoulders and a straight base. The cross section is plano-convex with no edge abrading and unifacial beveling. Maximum dimensions are 3.3 cm x 4.7 cm x 1.0 cm and it weighs 18.5 g. The stem measures 1.2 cm x 2.2 cm and comprises about 36% of the total length of the specimen. The raw material is heat-treated Burlington chert, which is found locally. Microscopic examination revealed no evidence of use-wear. This specimen appears to be a preform for a Smith point, which is associated with the Late Archaic Period. The notches were started but not finished. The blade was roughly flaked and beveled to aid reduction.

Artifact 1-47 is a bifacial knife. It is an expanding stem specimen with a missing tip, a damaged blade, side notches, sloping shoulders and a damaged base. The cross section is biconvex with edge abrading on the stem but no beveling. Maximum dimensions are 4.2 cm x 2.4 cm x 0.8 cm and it weighs 9.7 g. The stem measures 1.3 cm x 2.2 cm and comprises about 31% of the total length of the specimen. The raw material is heat-treated Burlington chert, which is found locally. Microscopic examination revealed wear resulting from cutting meat with bone contact. This specimen is resharpened and most closely resembles the Hanna type, which is associated with the Late Archaic Period.

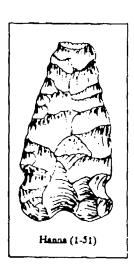
Artifact 1-48 is a bifacial knife proximal. It is an expanding stem specimen with a missing tip, a damaged blade, side notches, sloping shoulders and a concave base. The cross section is biconvex with edge abrading on the base and no beveling. Maximum dimensions are 2.6 cm x 2.2 cm x 0.9 cm and it weighs 5.6 g. The stem measures 1.2 cm x 2.1 cm and comprises about 46% of the total length of the specimen. The raw material is heat-treated Burlington chert, which is found locally. Microscopic examination revealed viear resulting from cutting meat with bone contact. This specimen is exhausted and most closely resembles the Hanna type, which is associated with the Late Archaic Period.



Artifact 1-49 is a dart point. It is an expanding stem specimen with a missing tip, a damaged blade, side notches, damaged shoulders and a concave base. The tip has been carried away by an impact fracture. The cross section is biconvex with no edge abrading and no beveling. Maximum dimensions are 3.7 cm × 1.9 cm × 0.7 cm and it weighs 6.4 g. The stem measures 1.1 cm × 1.7 cm and comprises about 30% of the total length of the specimen. The raw material is heat-treated Burlington chert, which is found locally. Microscopic examination revealed no evidence of use-wear. This specimen is resharpened and most closely resembles the Hanna type, which is associated with the Late Archaic Period.

Artifact 1-50 is a dart point. It is an expanding stem specimen with a missing tip, a damaged blade, side notches, sloping shoulders and a concave base. The tip has been carried away by an impact fracture. The cross section is biconvex with no edge abrading and no beveling. Maximum dimensions are 3.0 cm x 2.5 cm x 0.8 cm and it weighs 6.9 g. The stem measures 1.5 cm x 2.4 cm and comprises 50% of the total length of the specimen. The raw material is heat-treated Burlington chert, which is found locally. Microscopic examination revealed no evidence of use-wear. This specimen is resharpened and most closely resembles the Hanna type, which is associated with the Late Archaic Period.

Artifact 1-51 is a bifacial knife. It is an expanding stem specimen with a missing tip, a straight blade, side notches, sloping shoulders and a concave base. The cross section is biconvex with no edge abrading and no beveling. Maximum dimensions are 4.7 cm x 2.4 cm x 0.8 cm and it weighs 9.1 g. The stem measures 1.2 cm x 2.4 cm and comprises about 26% of the total length of the specimen. The raw material is heat-treated Burlington chert, which is found locally. It has been exposed to heat, as evidenced by a large potlid fracture on one side. The tip probably has been broken by heat as well. Microscopic examination revealed wear resulting from cutting meat with bone contact. This specimen is resharpened and most closely resembles the Hanna type, which is associated with the Late Archaic Period.





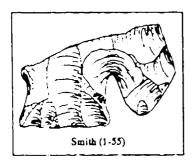
Artifact 1-52 is a dart point. It is an expanding stem specimen with a missing tip, a damaged blade, side notches, sloping shoulders and a concave base. The tip has been carried away by an impact fracture. The cross section is biconvex with n edge abrading and no beveling. Maximum dimensions are 2.8 cm x 2.3 cm x 0.8 cm and it weighs 5.1 g. The stem measures 1.3 cm x 2.3 cm and comprises about 46% of the total length of the specimen. The raw material is heat-treated Burlington chert, which is found locally. Microscopic examination revealed 1.) evidence of use-wear. This specimen is exhausted and most closely resembles the Hanna type, which is associated with the Late Archaic Period.

Artifact 1-53 is a bifacial knife proximal. It is an expanding stem specimer with a missing tip, a damaged blade, side notches, sloping shoulders and a concave base. The cross section is plano-convex with no edge abrading and no beveling. Maximum dimensions are 2.8 cm x 2.8 cm x 0.7 cm and it weighs 7.1 g. The stem measures 1.2 cm x 2.6 cm and comprises about 43% of the total length of the specimen. The raw material is Burlington chert, which is found locally. Microscopic examination revealed wear resulting from cutting meat with bone contact. This specimen is resharpened and most closely resembles the Hanna type, which is associated with the Late Archaic Period.

Artifact 1-54 is a projectile point/knife. It is an expanding stem specimen with a pointed tip, an excurvate blade, side notches, square shoulders and a concave base. The tip has been carried away by an impact fracture. The cross section is biconvex with edge abrading on the base and stem and no beveling. Maximum dimensions are 3.6 cm x 1.9 cm x 0.8 cm and it weighs 5.4 g. The stem measures 1.0 cm x 1.8 cm and comprises about 28% of the total length of the specimen. The raw material is heat-treated Burlington chert, which is found locally. Microscopic examination revealed wear resulting from cutting meat without bone contact. This resharpened specimen is an unclassified type that may be



associated with the Middle Woodland Period. It resembles a fairly rare type found by Dickson (1991:95) in Middle Woodland levels at the Albertson site, where it was used as dart point. The 23DA393 specimen has evidence of an impact fracture but it has been resharpened obliterating most of it.

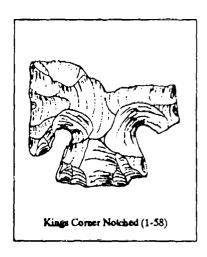


Artifact 1-55 is a bifacial knife proximal. It is a paralle' stem specimen with a missing tip and blade, basal notches, barbed shoulders and a straight base. The cross section is biconvex with no edge abrading and no beveling. Maximum dimensions are 2.3 cm x 3.8 cm x 0.8 cm and it weighs 7.3 g. The stem measures 1.1 cm x 2.4 cm and comprises about 48% of the total length of the specimen. The valuaterial is heat-treated Burlington chert, which is

found locally. Microscopic examination revealed no evidence of use-wear. This specimen most closely resembles the Smith type, which is associated with the Late Archaic Period.

Artifact 1-56 is a bifacial knife proximal. It is a parallel stem corner removed specimen with a missing tip, a damaged blade, sloping shoulders and a convex base. The cross section is biconvex with no edge abrading and no beveling. Maximum dimensions are 2.6 cm x 2.9 cm x 0.6 cm and it weighs 6.0 g. The stem measures 1.2 cm x 2.3 cm and comprises about 46% of the total length of the specimen. The raw material is Pierson chert, which is abundant in the Branson area and may be exposed in limited areas locally. Microscopic examination revealed wear resulting from cutting meat with bone contact. This specimen is an unclassified type not associated with a specific cultural period.

Artifact 1-58 is a bifacial knife. It is an expanding stem specimen with a missing tip, a damaged blade, corner notches, barbed shoulders and a straight base. The cross section is biconvex with no edge abrading and no beveling. Maximum dimensions are 3.1 cm x 4.0 cm x 0.8 cm and it weighs 9.2 g. The stem measures 1.5 cm x 2.3 cm and comprises about 48% of the total length of the specimen. The raw material is Burlington chert, which is found locally. Microscopic examination revealed wear resulting from cutting meat with bone contact. This specimen most closely resembles the Kings Corner Notched type, which is associated with the Late Archaic Period.



Artifact 1-59 is a bifacial knife. It is an expanding stem corner removed specimen with a missing tip, a damaged blade, damaged shoulders and a damaged base. The cross section is biconvex with no edge abrading and no beveling. Maximum dimensions are 3.7 cm x 2.8 cm x 0.7 cm and it weighs 7.8 g. The stem measures 1.2 cm x 0.0 cm and comprises about 32% of the total length of the specimen. The raw material is heat-treated Burlington chert, which is found locally. Microscopic examination revealed wear resulting from cutting meat with bone contact. This specimen is resharpened and most closely resembles the Late Archaic Kings Corner Notched type.



.. 4.

Stemmed (1-80)

Artifact 1-60 is a projectile point/knife stem. It is a parallel stem corner removed specimen with a missing tip and blade, missing shoulders and a straight base. The tip has been carried away by an impact fracture. The cross section is biconvex with edge abrading on the base and stem and no beveling. Maximum dimensions are 3.1 cm x 1.5 cm x 0.7 cm and it weighs 4.6 g. The stem measures 1.1 cm x 1.5 cm and comprises about 35% of the total length of the specimen. The raw material is heat-treated Burlington chert, which is found locally. Microscopic examination revealed wear resulting from cutting meat without bone contact. This specimen is resharpened and most closely resembles the Table Rock Stemmed type, which is associated with the Late Archaic Period.

Artifact 1-61 is a bifacial knife. It is an expanding stem specimen with a pointed tip, a straight blade, basal notches, barbed shoulders and a damaged base. The cross section is biconvex with no edge abrading and no beveling. Maximum dimensions are 3.0 cm x 2.4 cm x 0.4 cm and it weighs 2.9 g. The stem measures 0.8 cm x 1.2 cm and comprises about 27% of the total length of the specimen. The raw material is heat-treated Burlington chert, which is found locally. Microscopic examination revealed wear resulting from cutting meat without bone contact. This specimen is an unclassified type, which may be associated with the Woodland Period. The stem is small enough for an arrow point, however the blade is wide and very thin and features some use polish.





Artifact 1-62 is a bifacial knife. It is an expanding stem specimen with a missing tip, a damaged blade, side notches, square shoulders and a straight base. The cross section is biconvex with no edge abrading and no beveling. Maximum dimensions are 2.6 cm x 2.0 cm x 0.4 cm and it weighs 2.4 g. The stem measures 0.6 cm x 1.5 cm and comprises about 23% of the total length of the specimen. The raw material is heat-treated Burlington chert, which is found locally. Microscopic examination revealed wear resulting from cutting meat without bone contact. This specimen is an unclassified type that may be associated with the Woodland Period. Similar bifaces were found at the

Albertson site (3BE174; Dickson 1991:95) and classified as MW-2 bifaces. These very thin examples seem to have served as cutting tools, while the thicker examples served as dart points.

Artifact 1-63 is a bifacial knife. It is an expanding stem specimen with a missing tip, a damaged blade, corner notches, barbed shoulders and a straight base. The cross section is plano-convex with no edge abrading and unifacial beveling. Maximum dimensions are 2.4 cm x 2.0 cm x 0.7 cm and it weighs 3.7 g. The stem measures 0.9 cm x 1.6 cm and comprises about 38% of the total length of the specimen. The raw material is heat-treated Burlington chert, which is found locally. Microscopic examination revealed wear resulting from cutting meat with bone contact. This specimen is an unclassified type, which may be associated with the Woodland Period. The shape similar to Kings Corner Notched, but it is not a good example of this type.

Artifact 1-64 is a projectile point/knife. It is an expanding stem specimen with a pointed tip, an incurvate blade, side notches, square shoulders and a straight base. The cross section is biconvex with no edge abrading and no beveling. Maximum dimensions are 2.5 cm x 1.7 cm x 0.5 cm and it weighs 1.8 g. The stem measures 0.8 cm x 1.5 cm and comprises about 32% of the total length of the specimen. The raw material is heat-treated Burlington chert, which is found locally. Microscopic examination revealed wear resulting from cutting meat without bone contact. This specimen is resharpened and is an

unclassified type, that may be associated with the Woodland Period. It is small enough to have functioned as an arrow point, but use polish on the margins indicate use as a cutting tool as well. It may be an early example of an arrow point, or a nearly exhausted small cutting tool.

Artifact 1-65 is a bifacial knife/scraper. It is an expanding stem specimen with a rounded tip, a damaged blade, corner notches, barbed shoulders and a damaged base. The tip was broken and subsequently reworked to a round-pointed stub. The cross section is biconvex with no edge abrading and no beveling. Maximum dimensions are 2.3 cm x 2.7 cm x 0.6 cm and it weighs 3.5 g. The stem is 1.0 cm long and comprises about 43% of the total length of the specimen. The raw material is heat-treated Burlington chert, which is found locally. Microscopic examination revealed wear resulting from cutting meat with bone contact and from scraping wet hide. This specimen is exhausted and most closely resembles the Kings Corner Notched type, which is associated with the Late Archaic Period.

Artifact 1-66 is a bifacial knife proximal. It is a parallel stem specimen with a missing tip, a damaged blade, basal notches, barbed shoulders and a straight base. It is heat damaged and part of the stem and one edge are gone. The cross section is biconvex with no edge abrading and no beveling. Maximum dimensions are 4.6 cm x 3.2 cm x 0.9 cm and it weighs 10.3 g. The stem is 1.1 cm long and comprises about 24% of the total length of the specimen. The raw material is heat-treated Jefferson City chert, which is found locally in the deeper valleys. Microscopic examination revealed wear resulting from cutting meat with bone contact. This specimen is an unclassified type not associated with a specific cultural period.

Artifact 1-67 is a projectile point/knife. It is an expanding stem specimen with a missing tip, a damaged blade, corner notches, barbed shoulders and a straight base. The tip has been carried away by an impact fracture. The cross section is biconvex with no edge abrading and no beveling. Maximum dimensions are 3.4 cm x 3.0 cm x 0.5 cm and it weighs 5.9 g. The stem measures 1.0 cm x 2.4 cm and comprises about 29% of the total length of the specimen. The raw material is heat-treated Burlington chert, which is found locally. Microscopic examination revealed wear resulting from cutting meat without bone contact. This specimen is an unclassified type not associated with a specific cultural period.

Artifact 1-68 is a bifacial drill proximal. It is an expanding stem specimen with a missing tip, a damaged blade, side notches, sloping shoulders and a convex base. The cross section is diamond-shaped with no edge abrading and no beveling. Maximum dimensions are 3.5 cm x 1.3 cm x 0.5 cm and it weighs 2.6 g. The stem measures 0.8 cm x 1.2 cm and comprises about 23% of the total length of the specimen. The raw material is heat-treated Burlington chert, which is found locally. Microscopic examination revealed wear resulting from perforating. This specimen is an unclassified type not associated with a specific cultural period.





Artifact 1-69 is a bifacial drill proximal. It is an unstemmed specimen with a missing tip, a damaged blade, no notches, no shoulders and a convex base. The cross section is biconvex with no edge abrading and no beveling. Maximum dimensions are 2.8 cm x 2.8 cm x 0.6 cm and it weighs 4.4 g. The raw material is heat-treated Burlington chert, which is found locally. Microscopic examination revealed wear resulting from perforating. This specimen is an unclassified type not associated with a specific cultural period.

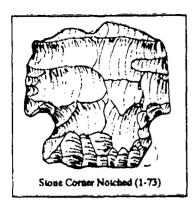
Artifact 1-70 is a bifacial drill midsection. It has a missing tip, a damaged blade, no shoulders and a missing stem and base. The cross section is biconvex with edge abrading on the blade but no beveling. Maximum dimensions are 3.6 cm x 2.2 cm x 0.6 cm and it weighs 5.3 g. The raw material is heat-treated Burlington chert, which is found locally. Microscopic examination revealed wear resulting from perforating. The edges are well-ground and a narrow point is flaked on the tip (most of which is now missing). This specimen is an unclassified type not associated with a specific cultural period.

Artifact 1-71 is a bifacial knife. It is an expanding stem specimen with a missing tip, a damaged blade, corner notches, barbed shoulders and a damaged base. The cross section is biconvex with no edge abrading and no beveling. Maximum dimensions are 3.2 cm x 3.2 cm x 0.6 cm and it weighs 6.9 g. The raw material is Burlington chert, which is found locally. Microscopic examination revealed wear resulting from cutting meat with bone contact. This specimen is resharpened and most closely resembles the Kings Corner Notched type, which is associated with the Late Archaic Period.

Artifact 1-72 is a dart point. It is an expanding stem corner removed specimen with a missing tip, a damaged blade, sloping shoulders and a straight base. The tip has been carried away by an impact fracture. The cross section is biconvex with edge abrading on the base and stem but no beveling. Maximum dimensions are 4.1 cm x 3.0 cm x 0.6 cm and it weighs 8.9 g. The stem measures 1.0 cm x 2.5 cm and comprises about 24% of the total length of the specimen. The raw material is Burlington chert, which is found locally. Microscopic examination revealed no evidence of use-wear. This specimen is a variant of the Stone Corner Notched type, which is associated with the Late Archaic Period.



Artifact 1-73 is a bifacial knife proximal. It is an expanding stem specimen with a missing tip, a damaged blade, corner notches, barbed shoulders and a damaged base. The cross section is biconvex with edge abrading on the base and no beveling. Maximum dimensions are 3.5 cm x 3.9 cm x 1.0 cm and it weighs 16.0 g. The stem measures 1.3 cm x 2.8 cm and comprises about 37% of the total length of the specimen. The raw material



is heat-treated Burlington chert, which is found locally. Microscopic examination revealed wear resulting from cutting meat with bone contact. This specimen is resharpened and most closely resembles the Stone Corner Notched type, which is associated with the Late Archaic Period.

Artifact 1-74 is a bifacial knife. It is an expanding stem specimen with a rounded tip, an

excurvate blade, side notches, damaged shoulders and a damaged base. The cross section is plano-convex with no edge abrading and no beveling. Maximum dimensions are 5.0 cm x 3.0 cm x 0.7 cm and it weighs 10.8 g. The stem is 1.3 cm long and comprises about 26% of the total length of the specimen. The raw material is heat-treated Burlington chert, which is found locally. Microscopic examination revealed wear resulting from cutting meat with bone contact. This specimen most closely resembles the Steuben type, which is associated with the Woodland Period.



Artifact 1-75 is a bifacial spokeshave proximal. It is an unstemmed specimen with a missing tip, a damaged blade, no notches, no shoulders and a convex base. The cross section is biconvex with no edge abrading and unifacial beveling. Maximum dimensions are 3.3 cm x 4.3 cm x 0.8 cm and it weighs 12.8 g. The raw material is heat-treated Burlington chert, which is found locally. Microscopic examination revealed wear resulting from scraping wood. This specimen is an unclassified type not associated with a specific cultural period.



Artifact 1-76 is a bifacial knife. It is an expanding stem specimen with a pointed tip, an asymmetrical blade, side notches, square shoulders and a damaged base. The cross section is biconvex with no edge abrading and no beveling. Maximum dimensions are 4.8 cm x 3.3 cm x 0.7 cm and it weighs 8.8 g. The stem measures 1.0 cm long and comprises about 21% of the total length of the specimen. The raw material is heat-treated Burlington chert, which is found locally. Microscopic examination revealed wear resulting from cutting meat with bone contact. This specimen is a variant of the Gibson type, which is associated with the Woodland Period.

Artifact 1-78 is a bifacial knife. It is an expanding stem specimen with a rounded tip, an excurvate blade, corner notches, barbed shoulders and a damaged base. The cross section is biconvex with no edge abrading and no beveling. Maximum dimensions are 4.6 cm x 3.4 cm x 0.7 cm and it weighs 11.1 g. The stem measures 1.5 cm x 0.0 cm and comprises about 33% of the total length of the specimen. The raw material is Burlington

chert, which is found locally. Microscopic examination revealed wear resulting from cutting meat with bone contact. This specimen is a variant of the Jakie type, which is associated with the Middle Archaic Period.

Artifact 1-79 is a bifacial knife. It is an unstemmed specimen with a missing tip, a damaged blade, no notches, no shoulders and a straight base. The cross section is planoconvex with no edge abrading and no beveling. Maximum dimensions are 4.1 cm x 2.9 cm x 0.9 cm and it weighs 13.2 g. The raw material is heat-treated Burlington chert, which is found locally. Microscopic examination revealed wear



resulting from cutting and scraping a gritty substance such as soft stone or pottery. This specimen is an unclassified type not associated with a specific cultural period.

Artifact 1-80 is a dart point stem. It is an expanding stem specimen with a missing tip, a damaged blade, corner notches, barbed shoulders and a damaged base. The tip has been carried away by an impact fracture. The cross section is biconvex with no edge abrading and no beveling. Maximum dimensions are 4.8 cm x 2.6 cm x 1.0 cm and it weighs 16.2 g. The stem measures 1.2 cm x 0.0 cm and comprises 25% of the total length of the specimen. The raw material is heat-treated Burlington chert, which is found locally. Microscopic examination revealed no evidence of use-wear. This specimen most closely resembles the Stone Corner Notched type, which is associated with the Late Archaic Period.

Artifact 1-81 is a flake knife. Maximum dimensions are $5.9 \text{ cm} \times 2.1 \text{ cm} \times 0.7 \text{ cm}$ and it weighs 2.7 g. The raw material is heat-treated Burlington chert, which is found locally. Microscopic examination revealed wear resulting from battering. This specimen is not associated with a cultural period.

Artifact 1-83 is a bifacial knife. It is an unstemmed specimen with a rounded tip, an excurvate blade, no notches, no shoulders and a missing base. The cross section is biconvex with no edge abrading and no beveling. Maximum dimensions are 3.0 cm x 2.5 cm x 0.4 cm and it weighs 3.5 g. The raw material is heat-treated Burlington chert, which is found locally. Microscopic examination revealed wear resulting from cutting meat without bone contact. This specimen is an unclassified type not associated with a specific cultural period.

Artifact 1-84 is a dart point stem. It is a parallel stem corner removed specimen with a missing tip and blade, missing shoulders and a missing base. The tip has been carried away by an impact fracture. The cross section is biconvex with no edge abrading and no beveling. Maximum dimensions are 3.5 cm x 2.5 cm x 0.6 cm and it weighs 6.4 g. The stem measures 1.4 cm x 2.4 cm and comprises about 40% of the total length of the specimen. The raw material is heat-treated Burlington chert, which is found locally.

Microscopic examination revealed no evidence of use-wear. This specimen is an unclassified type not associated with a cultural period.

Artifact 1-85 is a bifacial knife/scraper. It is an expanding stem corner removed specimen with a rounded tip, an excurvate blade, damaged shoulders and a convex base. The cross section is biconvex with edge abrading on the stem and no beveling. Maximum dimensions are 3.2 cm x 3.1 cm x 0.8 cm and it weighs 8.3 g. The stem measures 1.3 cm x 3.1 cm and comprises about 41% of the total length of the specimen. The raw material is heat-treated Burlington chert, which is found locally. Microscopic examination revealed wear resulting from cutting meat with bone contact and from scraping wet hide. This specimen is exhausted and most closely resembles the Big Creek type, which is associated with the Late Archaic Period.

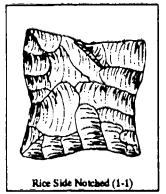
Artifact 1-86 is a biface stem. It is a parallel stem corner removed specimen with a missing tip and blade, missing shoulders and a straight base. The cross section is biconvex with no edge abrading and no beveling. Maximum dimensions are 1.9 cm x 2.4 cm x 0.6 cm and it weighs 5.2 g. The stem measures 1.1 cm x 2.2 cm and comprises about 58% of the total length of the specimen. The raw material is heat-treated Burlington chert, which is found locally. Microscopic examination revealed no evidence of use-wear. This specimen most closely resembles the Big Creek type, which is associated with the Late Archaic Period.

Artifact 1-88 is a bifacial knife. It is an expanding stem specimen with a missing tip, a damaged blade, side notches, sloping shoulders and a damaged base. The cross section is biconvex with no edge abrading and no beveling. Maximum dimensions are 2.8 cm x 2.8 cm x 0.8 cm and it weighs 9.3 g. The stem is 1.2 cm long and comprises about 43% of the total length of the specimen. The raw material is heat-treated Burlington chert, which is found locally. Microscopic examination revealed wear resulting from cutting meat without bone contact. This specimen most closely resembles the Steuben type, which is associated with the Woodland Period.

23DA395

23DA395 is a prehistoric habitation exhibiting evidence of Late Archaic and Late Woodland Period occupations. It was recorded by Howard Wimmer in 1988 when he collected 9 artifacts weighing 174.4 g. These included 2 stemmed biface fragments (17.9 g), 1 grog-tempered plain body sherd (62.8 g), 1 bifacial knife (7.3 g), 4 preform fragments (79.1 g) and 1 projectile point/knife (7.3 g).

Artifact 1-1 is a stemmed biface proximal. It is an expanding stem specimen with a missing tip and blade, side notches, sloping shoulders and a concave base. The cross section is biconvex with edge abrading on the base and stem but no beveling. Maximum dimensions are $3.3 \, \text{cm} \times 3.3 \, \text{cm} \times 0.7 \, \text{cm}$ and it weighs $9.2 \, \text{g}$. The stem measures $1.8 \, \text{cm} \times 3.2 \, \text{cm}$ and comprises about 55% of the total length of the specimen. The raw material is Burlington chert, which is found locally. Microscopic examination revealed no evidence



of use-wear. This specimen most closely resembles the Rice Side Notched type, which is associated with the Woodland Period.

Artifact 1-2 is a projectile point/knife. It is an expanding stem specimen with a missing tip, a damaged blade, side notches, sloping shoulders and a concave base. The tip has been carried away by an impact fracture. The cross

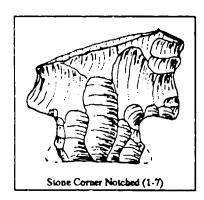
section is biconvex with edge abrading on the base and stem but no beveling. Maximum dimensions are $4.3 \text{ cm} \times 2.5 \text{ cm} \times 0.7 \text{ cm}$ and it weighs 7.3 g. The stem measures $1.7 \text{ cm} \times 2.4 \text{ cm}$ and comprises about 40% of the total length of the specimen. The raw material is heat-treated Burlington chert, which is found locally. Microscopic examination revealed no evidence of use-wear. This specimen is exhausted and most closely resembles the Rice Side Notched type,



which is associated with the Woodland Period. It was probably used as cutting tool until resharpening reduced the size and then it was used as dart point.

Artifact 1-4 is a p.eform base. It is an unstemmed specimen with a missing tip and blade, no notches, no shoulders and a damaged base. The cross section is biconvex with no edge abrading and no beveling. Maximum dimensions are 3.0 cm x 3.8 cm r 1.1 cm and it weighs 11.2 g. The raw material is Burlington chert, which is found locally. Microscopic examination revealed no evidence of use-wear. This specimen may be a preform for the Rice Side Notched type, which is associated with the Woodland Period.

Artifact 1-5 is a bifacial knife. It is an expanding stem specimen with a missing tip, a damaged blade, side notches, missing shoulders and a damaged base. The cross section is biconvex with edge abrading on the stem and no beveling. Maximum dimensions are 3.3 cm x 2.5 cm x 0.7 cm and it weighs 7.3 g. The stem is 1.5 cm long and comprises about 45% of the total length of the specimen. The raw material is Burlington chert, which is found locally. Microscopic examination revealed no evidence of use-wear. This specimen is exhausted and most closely resembles the Rice Side Notched type, which is associated with the Woodland Period.



Artifact 1-7 is a stemmed biface proximal. It is an expanding stem specimen with a missing tip and blade, corner notches, square shoulders and a damaged base. The cross section is biconvex with no edge abrading and no beveling. Maximum dimensions are $3.6 \, \mathrm{cm} \times 4.0 \, \mathrm{cm} \times 0.6 \, \mathrm{cm}$ and it weighs $8.7 \, \mathrm{g}$. The stem is $1.2 \, \mathrm{cm}$ long and comprises 33% of the total length of the specimen. The raw material is heat-treated Burlington chert, which is found locally. Microscopic examination revealed no

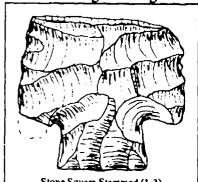
evidence of use-wear. This specimen most closely resembles the Stone Corner Notched type, which is associated with the Late Archaic Period.

23DA396

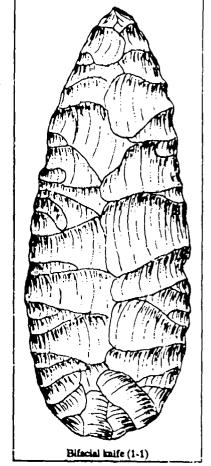
23DA396 is a prehistoric habitation exhibiting evidence of Late Archaic and Woodland Period occupations. It was recorded by Howard Wimmer in 1988 when he collected 12 artifacts weighing 171.3 g. These included 1 stemmed biface fragment (3.3 g), 2 bifacial knife fragments (13.9 g), 2 bifacial knives (69.6 g), 6 preform fragments (10.0 g) and 1 bifacial side scraper (74.5 g).

Artifact 1-1 is a bifacial knife. It is an unstemmed specimen with a rounded tip, an excurvate blade, no notches, no shoulders and a convex base. The cross section is biconvex with no edge abrading and no beveling. Maximum dimensions are 11.3 cm x 4.2 cm x 1.1 cm and it weighs 55.0 g. The raw material is Keokuk chert, which is abundant further south but may be available locally in highly restricted areas. Microscopic examination revealed wear resulting from cutting meat with bone contact. This specimen is an unclassified type not associated with a specific cultural period.

Artifact 1-3 is a bifacial knife. It is a parallel stem corner removed specimen with a missing tip, a damaged blade, barbed shoulders and a straight base. The cross section is biconvex with edge abrading on the stem but no beveling. Maximum dimensions are 3.9 cm x 4.4 cm x 0.7 cm and it weighs 14.6 g. The stem measures 1.3 cm x 2.4



cm and comprises 33% of the total length of the specimen. The raw material is an unidentified chert. Microscopic examination revealed wear resulting from cutting



meat with bone contact. This specimen most closely resembles the Stone Square Stemmed type, which is associated with the Late Archaic Period.

Artifact 1-4 is a bifacial side scraper. It is an unstemmed specimen with a rounded tip, an excurvate blade, no notches, no shoulders and a convex base. The cross section is plano-convex with no edge abrading and unifacial beveling. Maximum dimensions are 7.3 cm x 5.5 cm x 1.8 cm and it weighs 74.5 g. The raw material is Burlington chert, which is

found locally. Microscopic examination revealed wear resulting from scraping wet hide. This specimen is an unclassified type, which may be associated with the Woodland Period.

Artifact 1-5 is a bifacial knife distal. It has a pointed tip, an excurvate blade and is missing the entire proximal portion. The cross section is plano-convex with no edge abrading and no beveling. Maximum dimensions are 4.4 cm x 3.6 cm x 0.7 cm and it weighs 9.5 g. The raw material is Burlington chert, which is found locally. Microscopic examination revealed wear resulting from cutting meat without bone contact. This specimen is an unclassified type not associated with a specific cultural period.

Artifact 1-7 is a biface fragment. It is an expanding stem corner removed specimen with a missing tip and blade, missing shoulders and a concave base. The cross section is biconvex with edge abrading on the base and stem and no beveling. Maximum dimensions are 1.4 cm x 2.5 cm x 0.8 cm and it weighs 3.3 g. The stem measures 1.4 cm x 2.5 cm and comprises 100% of the total length of the specimen. The raw material is Burlington chert, which is found locally. Microscopic examination revealed no evidence of use-wear. This specimen most closely resembles the Hanna type, which is associated with the Late Archaic Period.

Artifact 1-8 is a biface stem. It has a missing tip, a damaged blade, no notches, no shoulders and a missing stem and base. The cross section is biconvex with no edge abrading and no beveling. Maximum dimensions are $3.1 \text{ cm} \times 2.6 \text{ cm} \times 0.5 \text{ cm}$ and it weighs 4.4 g. The raw material is heat-treated Burlington chert, which is found locally. Microscopic examination revealed wear resulting from cutting meat with bone contact. This specimen is an unclassified type not associated with a specific cultural period.

23DA397

23DA397 is a prehistoric habitation exhibiting evidence of Middle to Terminal Archaic and Woodland Period occupations. It was recorded by Howard Wimmer in 1988 when he collected 39 artifacts weighing 598.1 g. These included 2 stemmed bifaces fragment (8.7 g), 1 blank fragment (121.8 g), 2 dart point fragments (10.4 g), 1 dart point (13.8 g), 1 bifacial drill fragment (1.3 g), 11 bifacial knife fragments (87.6 g), 3 bifacial knives (29.3 g), 15 preform fragments (240.5 g), 1 preform (62.5 g), 1 projectile point/knife (13.8 g) and 1 bifacial end scraper fragment (8.4 g).

Artifacts cataloged as 1-3 include four bifacial knife midsections. All have missing tips, damaged blades, no notches, no shoulders and missing stems and bases. None exhibit edge abrading or beveling. Raw materials include heat-treated Pierson and heat-treated Burlington chert, both of which are probably found locally. Microscopic examination revealed wear resulting from cutting meat with bone contact. This specimen is an unclassified type not associated with a specific cultural period.

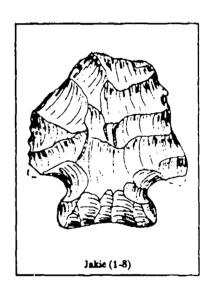
Artifacts cataloged as 1-4 include five bifacial knife midsections. All have missing tips, damaged blades, no notches, no shoulders and missing stems and bases. None exhibit

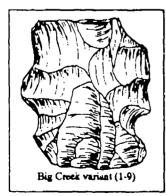
edge abrading or beveling. The raw material is Burlington chert (both heat-treated and untreated), which is found locally. Microscopic examination revealed wear resulting from cutting meat with bone contact. These are of an unclassified type not associated with a specific cultural period.

Artifact 1-5 is a bifacial end scraper base. It is an unstemmed specimen with a missing tip and blade, no notches, no shoulders and a convex base. The cross section is plano-convex with no edge abrading and unifacial beveling. Maximum dimensions are 2.8 cm x 3.2 cm x 0.7 cm and it weighs 8.4 g. The raw material is heat-treated Jefferson City chert, which is found locally in the deeper valleys. Microscopic examination revealed wear resulting from scraping wet hide. This specimen is an unclassified type not associated with a specific cultural period. The convex base of a thin late stage preform was unifacially beveled and used as a scraper.

Artifact 1-6 is a bifacial drill midsection. It has a missing tip, a damaged blade, no shoulders and a missing stem and base. The cross section is diamond-shaped with no edge abrading and no beveling. Maximum dimensions are $2.0 \text{ cm} \times 1.0 \text{ cm} \times 0.6 \text{ cm}$ and it weighs 1.3 g. The raw material is heat-treated Burlington chert, which is found locally. Microscopic examination revealed wear resulting from perforating. This specimen is an unclassified type not associated with a specific cultural period.

Artifact 1-8 is a projectile point/knife. It is an expanding stem specimen with a missing tip, a damaged blade, corner notches, barbed shoulders and a concave base. The tip has been carried away by an impact fracture. The cross section is biconvex with edge abrading on the base and stem and no beveling. Maximum dimensions are 4.5 cm x 4.0 cm x 0.7 cm and it weighs 13.8 g. The stem measures 1.3 cm x 2.6 cm and comprises about 29% of the total length of the specimen. The raw material is heat-treated Burlington chert, which is found locally. Microscopic examination revealed wear resulting from cutting meat without bone contact. This specimen is a variant of the Jakie type, which is associated with the Middle Archaic Period.

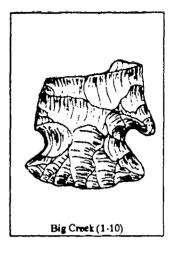




Artifact 1-9 is a dart point. It is an expanding stem specimen with a missing tip, a damaged blade, side notches, square shoulders and a damaged base. The tip has been carried away by an impact fracture. The cross section is biconvex with edge abrading on the base and no beveling. Maximum dimensions are 3.8 cm x 3.4 cm x 0.9 cm and it weighs 13.8 g. The stem measures 1.2 cm x 3.1 cm and comprises about 32% of the total length of the specimen. The raw material is heat-treated Burlington chert, which is found locally. Microscopic

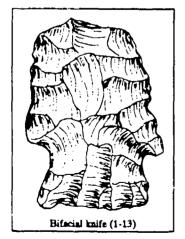
examination revealed no evidence of use-wear. This specimen is resharpened and is a variant of the Big Creek type, which is associated with the Late Archaic Period.

Artifact 1-10 is a bifacial knife. It is an expanding stem specimen with a missing tip, a damaged blade, corner notches, barbed shoulders and a convex base. The cross section is biconvex with edge abrading on the stem and no beveling. Maximum dimensions are 3.2 cm x 3.2 cm x 0.9 cm and it weighs 10.0 g. The stem measures 1.4 cm x 3.2 cm and comprises about 44% of the total length of the specimen. The raw material is heat-treated Burlington chert, which is found locally. Microscopic examination revealed wear resulting from cutting meat with bone contact. This specimen is resharpened and most closely resembles the Big Creek type, which is associated with the Late Archaic Period.



Artifact 1-11 is a bifacial knife proximal. It is an expanding stem corner removed specimen with a missing tip, a damaged blade, square shoulders and a damaged base. The cross section is biconvex with edge abrading on the base but no beveling. Maximum dimensions are 3.8 cm x 3.1 cm x 0.9 cm and it weighs 11.2 g. The stem is 1.5 cm long and comprises about 39% of the total length of the specimen. The raw material is heat-treated Pierson chert, which is abundant in the Branson area and may be exposed in limited areas locally. Microscopic examination revealed wear resulting from cutting meat with bone contact. This specimen most closely resembles the Big Creek type, which is associated with the Late Archaic Period. Probably it was broken during notching. There is bright polish on the specimen as if it was stream tumbled some.

Artifact 1-12 is a stemmed biface proximal. It is an expanding stem corner removed specimen with a missing tip and blade, square shoulders and a convex base. The cross section is biconvex with edge abrading on the base and stem and no beveling. Maximum dimensions are 2.2 cm x 3.3 cm x 0.7 cm and it weighs 7.2 g. The stem measures 1.5 cm x 3.3 cm and comprises about 68% of the total length of the specimen. The raw material is heat-treated Burlington chert, which is found locally. Microscopic



examination revealed no evidence of use-wear. This specimen most closely resembles the Big Creek type, which is associated with the Late Archaic Period.

Artifact 1-13 is a bifacial knife. It is an expanding stem corner removed specimen with a missing tip, a damaged blade, square shoulders and a straight base. The cross section is biconvex with no edge abrading and no beveling. Maximum dimensions are 4.9 cm x 3.5 cm x 0.5 cm and it weighs 11.3 g. The stem measures 1.4 cm x 2.8 cm and comprises about 29% of the total length of the specimen. The raw material is heattreated Burlington chert, which is found locally. Microscopic

examination revealed wear resulting from cutting meat with bone contact. This specimen is resharpened and is an unclassified type that may be associated with the Late Archaic Period.

Artifact 1-14 is a bifacial knife. It is a contracting stem corner removed specimen with a pointed tip, an excurvate blade, sloping shoulders and a straight base. The cross section is biconvex with edge abrading on the stem and no beveling. Maximum dimensions are 3.8 cm x 3.1 cm x 0.8 cm and it weighs 8.0 g. The stem measures 1.5 cm x 2.1 cm and comprises about 39% of the total length of the specimen. The raw material is Jefferson City chert, which is found locally in the deeper valleys. Microscopic examination revealed wear resulting from cutting meat without bone contact. This specimen is exhausted and most closely resembles the Standlee type, which is associated with the Woodland Period.

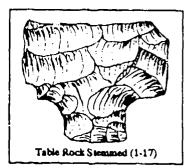


Artifact 1-15 is a dart point stem. It is an expanding stem corner removed specimen with a missing tip, a damaged blade, missing shoulders and a concave base. The tip has been carried away by an impact fracture. The cross section is biconvex with no edge abrading and no beveling. Maximum dimensions are 2.9 cm x 1.9 cm x 0.7 cm and it weighs 4.9 g. The stem measures 1.2 cm x 2.0 cm and comprises about 41% of the total length of the specimen. The raw material is an unidentified heat-treated chert. Microscopic examination revealed no evidence of use-wear. This specimen most closely resembles the Hanna type, which is associated with the Late Archaic Period.



Artifact 1-16 is a dart point stem. It is an expanding stem corner removed specimen with a missing tip, a damaged blade, missing shoulders and a damaged base. The tip has been carried away by an impact fracture. The cross section is biconvex with no edge abrading and no beveling. Maximum dimensions are 2.9 cm x 2.5 cm x 0.6 cm and it weighs 5.5 g. The stem is 1.2 cm long and comprises about 41% of the total length of the specimen. The raw material is heat-treated Burlington chert, which is found locally. Microscopic examination revealed no evidence of use-wear. This specimen most closely resembles the Hanra variant type, which is associated with the Late Archaic Period.

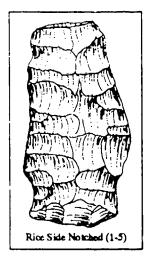
Artifact 1-17 is a bifacial knife proximal. It is a parallel stem corner removed specimen with a missing tip, a damaged blade, square shoulders and a straight base. The cross section is biconvex with edge abrading on the base and stem and no beveling. Maximum dimensions are 3.1 cm x 3.8 cm x 0.6 cm and it weighs 9.1 g. The stem measures 1.0 cm x 1.7 cm and comprises about 32% of the total length of



the specimen. The raw material is Pierson chert, which is abundant in the Branson area and may be exposed in limited areas locally. Microscopic examination revealed wear resulting from cutting meat with bone contact. This specimen is a variant of the Table kock Stemmed type, which is associated with the Late Archaic Period. This specimen has an unusually short stem, but otherwise is typical of the type.

23DA398

23DA398 is a prehistoric habitation exhibiting evidence of Middle to Late Woodland and Historic Period occupations. It was recorded by Howard Wimmer in 1988 when he collected 8 artifacts weighing 139.3 g. These included 1 biface fragment (4.0 g), 1 stemmed biface fragment (9.8 g), 2 bifacial knives (21.3 g) and 4 preform fragments (104.2 g).



Artifact 1-5 is a bifacial knife. It is an expanding stem specimen with a missing tip, a damaged blade, side notches, missing shoulders and a convex base. The cross section is biconvex with edge abrading on the stem and no beveling. Maximum dimensions are 5.3 cm x 2.8 cm x 0.8 cm and it weighs 14.8 g. The stem measures 1.1 cm x 2.3 cm and comprises about 21% of the total length of the specimen. The raw material is Pierson chert, which is abundant in the Branson area and may be exposed in limited areas locally. Microscopic examination revealed wear resulting from cutting meat with bone contact. This specimen is resharpened and most closely resembles the Rice Side Notched type, which is associated with the Woodland Period.

Artifact 1-6 is a bifacial knife. It is an expanding stem corner removed specimen with a missing tip, a damaged blade, sloping shoulders and a straight base. The cross section is biconvex with no edge abrading and no beveling. Maximum dimensions are 3.3 cm x 2.2 cm x 0.8 cm and it weighs 6.5 g. The stem measures 1.1 cm x 1.6 cm and comprises about 33% of the total length of the specimen. The raw material is Burlington chert, which is found locally. Microscopic examination revealed wear resulting from cutting meat with bone contact. This specimen is resharpened and is a variant of the Steuben type, which is associated with the Woodland Period.



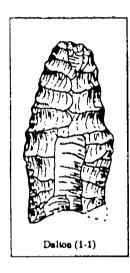
23DA399

23DA399 is a prehistoric site of unknown cultural affiliation. It was recorded by Howard Wimmer in 1988 when he collected 2 bifacial knife fragments (12.5 g). Both have missing tips, damaged blades, no notches, no shoulders and missing stems and bases. Neither exhibits edge abrading or beveling. The raw material is Burlington cuert (both

heat-treated and untreated), which is found locally. Microscopic examination revealed wear resulting from cutting meat with bone contact. These tools are unclassified as to type and arc not associated with a specific cultural period.

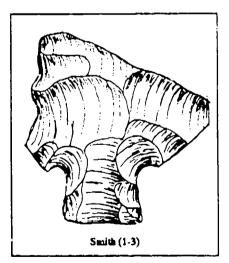
23DA400

23DA400 is a prehistoric habitation exhibiting evidence of Early and Late Archaic and Woodland Period occupations. It was recorded by Howard Wimmer in 1988 when he collected 23 artifacts weighing 375.4 g. These included 1 arrow point (1.2 g), 1 biface fragment (2 ? g), 1 biface (0.0 g), 2 stemmed biface fragments (15.2 g), 1 blank (108.5 g), 2 bifacial knife fragments (30.2 g), 2 bifacial knives (16.7 g), 1 knife/scraper (7.6 g), 9 preform fragments (137.9 g), 2 projectile point/knives (23.4 g) and 1 flake scraper (31.8 g).

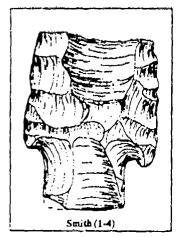


Artifact 1-1 is a bifacial knife/scraper. It is a parallel stem specimen with a rounded tip, an excurvate blade, no notches, no shoulders and a damaged base. The cross section is biconvex with edge abrading on the base and stem but no beveling. Maximum dimensions are 4.8 cm x 2.4 cm x 0.6 cm and it weighs 7.6 g. The stem measures 1.8 cm x 2.1 cm and comprises about 38% of the total length of the specimen. The raw material is Reeds Spring chert, which is found in southwest Missouri and northwest Arkansas into northeast Oklahoma and extreme southeast Kansas. Microscopic examination revealed wear resulting from cutting meat with bone contact and from scraping wet hide. This specimen is resharpened and most closely resembles the Dalton type, which is associated with the Early Archaic Period.

Artifact 1-3 is a bifacial knife proximal. It is a parallel stem specimen with a missing tip, a damaged blade, basal notches, barbed shoulders and a straight base. The cross section is biconvex with no edge abrading and no beveling. Maximum dimensions are 5.1 c. 7 cm x 1.1 cm and it weighs 24.6 g. The stem measures 1.5 cm x 2.2 cm and comprises about 29% of the total length of the specimen. The raw material is Jefferson City chert, which is found locally in the deeper valleys. Microscopic examination revealed wear resulting from cutting meat with bone contact. This specimen most closely resembles the Smith type, which is associated with the Late Archaic Period. One



barb (now broken) was massive while the other one (damaged) was smaller. The stem is rather small for a Smith point with its massive blade; however this was probably due to the difficulty of flaking the Jefferson City chert. Very little of original blade is left intact on one side, but this shows use polish.



Artifact 1-4 is a projectile point/knife. It is a parallel stem specimen with a missing tip, a damaged blade, basal notches, barbed shoulders and a straight base. The tip has been carried away by an impact fracture. The cross section is biconvex with edge abrading on the base and no beveling. Maximum dimensions are 4.6 cm x 3.5 cm x 0.9 cm and it weighs 17.2 g. The stem measures 1.4 cm x 2.3 cm and comprises about 30% of the total length of the specimen. The raw material is Reeds Spring chert, which is found in southwest Missouri and northwest Arkansas into northeast Oklahoma and extreme southeast Kansas. Microscopic examination revealed wear resulting from cutting meat without

bone contact. This specimen is resharpened and most closely resembles the Smith type, which is associated with the Late Archaic Period. Impact fractures are unusual on Smith bifaces, since they were mostly used as cutting tools. This one was used as a dart point after much resharpening reduced its size.

Artifact 1-6 is a flake scraper. Maximum dimensions are 5.8 cm x 4.6 cm x 1.2 cm and it weighs 31.8 g. The raw material is Jefferson City chert, which is found locally in the deeper valleys. Microscopic examination revealed wear resulting from scraping wet hide. This specimen is not associated with a cultural period.

Artifact 1-7 is a biface stem. It is a parallel stem specimen with a missing tip and blade, basal notches, missing shoulders and a straight base. The cross section is biconvex with edge abrading on the stem but no beveling. Maximum dimensions are 2.9 cm x 3.4 cm x 1.1 cm and it weighs 10.3 g. The stem measures 1.4 cm x 2.4 cm and comprises about 48% of the total length of the specimen. The raw material is an unidentified chert. Microscopic examination revealed no evidence of use-wear. This specimen most closely resembles the Smith type, which is associated with the Late Archaic Period.

Artifact 1-8 is a projectile point/knife. It is an expanding stem specimen with a missing tip, a damaged blade, corner notches, barbed shoulders and a straight base. The cross section is biconvex with edge abrading on the stem and no beveling. Maximum dimensions are 3.5 cm x 2.8 cm x 0.6 cm and it weighs 6.2 g. The stem measures 1.3 cm x 2.2 cm and comprises about 37% of the total length of the specimen. The raw material is heat-treated Burlington chert, which is found locally. Microscopic examination revealed wear resulting from cutting meat with bone contact. This specimen is resharpened and most closely resembles the Kings Corner Notched type, which is associated with the Late Archaic Period.





Artifact 1-9 is a bifacial knife. It is an expanding stem corner removed specimen with a missing tip, a damaged blade, square shoulders and a straight base. The cross section is biconvex with no edge abrading and no beveling. Maximum dimensions are 3.1 cm x 3.2 cm x 0.9 cm and it weighs 9.6 g. The stem measures 1.3 cm x 2.4 cm and comprises about 42% of the total length of the specimen. The raw material is Pierson chert, which is abundant in the Branson area and may be exposed in limited areas locally. Microscopic examination revealed wear resulting from cutting meat without bone contact.

This specimen most closely resembles the Stone Corner Notched type, which is associated with the Late Archaic Period.

Artifact 1-10 is a stemmed biface proximal. It is a parallel stem corner removed specimen with a missing tip and blade, square shoulders and a straight base. The cross section is biconvex with no edge abrading and no beveling. Maximum dimensions are 2.7 cm x 3.1 cm x 0.6 cm and it weighs 4.9 g. The stem measures 1.1 cm x 1.5 cm and comprises about 41% of the total length of the specimen. The raw material is heat-treated Burlington chert, which is found locally. Microscopic examination revealed no evidence of use-wear. This specimen is a variant of the Table Rock Stemmed type, which is associated with the Late Archaic Period.

Artifact 1-11 is a bifacial knife. It is a contracting stem corner removed specimen with a pointed tip, a straight blade, sloping shoulders and a damaged base. The cross section is biconvex with edge abrading on the stem and no beveling. Maximum dimensions are 4.5 cm x 2.6 cm x 0.8 cm and it weighs 7.1 g. The stem measures 2.6 cm x 1.6 cm and comprises at out 58% of the total length of the specimen. The raw material is unidentified chert. Microscopic examination revealed wear resulting from cutting meat without bone contact. This specimen is resharpened and most closely resembles the Langtry type, which is associated with the Late Archeic through Woodland periods.



Artifact 1-13 is an arrow point. It is an expanding stem specimen with a pointed tip, an excurvate blade, side notches, sloping shoulders and a straight base. The cross section is biconvex with no edge abrading and no beveling. Maximum dimensions are 1.7 cm x 1.3 cm x 0.6 cm and it weighs 1.2 g. The stem measures 0.5 cm x 1.1 cm and comprises about 29% of the total length of the specimen. The raw material is Reeds Spring chert, which is found in southwest Missouri and northwest Arkansas into northeast Oklahoma and extreme southeast Kansas. Microscopic examination revealed no evidence of use-wear. This specimen is exhausted and is an unclassified type not associated with a specific cultural period. This small short biface has been resharpened to a stub. It may have served as an arrow point, but is rather thick for this category of tool.

Artifact 1-14 is a bifacial knife midsection. It has a missing tip, a damaged blade, no notches, missing shoulders and a missing stem and base. The cross section is biconvex with no edge abrading and no beveling. Maximum dimensions are $3.5 \text{ cm} \times 2.7 \text{ cm} \times 0.6 \text{ cm}$ and it weighs 5.6 g. The raw material is Jefferson City chert, which is found locally in the deeper valleys. Microscopic examination revealed wear resulting from cutting meat with bone contact. This specimen is an unclassified type not associated with a specific cultural period.

23DA401

23DA401 is a prehistoric habitation exhibiting evidence of Late Archaic and Middle to Late Woodland Period occupations. It was recorded by Howard Wimmer in 1988 when he collected 58 artifacts weighing 925.5 g. These included 7 biface fragments (31.7 g), 2 stemmed biface fragments (22.8 g), 1 stemmed biface (6.1 g), 3 blanks (237.4 g), 1 dart point fragment (10.7 g), 1 dart point (13.7 g), 10 bifacial knife fragments (92.6 g), 5 bifacial knives (58.9 g), 25 preform fragments (402.0 g), 1 preform (20.0 g) and 2 projectile point/knives (29.6 g).



Artifact 1-1 is a bifacial knife. It is an unstemmed specimen with a missing tip, a damaged blade, no notches, no shoulders and a concave base. The cross section is irregular with edge abrading on the stem but no beveling. Maximum dimensions are 5.2 cm x 2.3 cm x 2.8 cm and it weighs 4.1 g. The raw material is Burlington chert, which is found locally. Microscopic examination revealed wear resulting from cutting meat with bone contact. This specimen is resharpened and most closely resembles the Rice Side Notched type, which is associated with the Woodland Period. This specimen has all of the slight shoulders removed by resharpening. The side notches are really more constrictions than a true notches.

Artifact 1-3 is a stemmed biface proximal. It is an expanding stem specimen with a missing tip and blade, corner notches, barbed shoulders and a straight base. The cross section is biconvex with no edge abrading and no beveling. Maximum dimensions are 2.4 cm x 4.3 cm x 0.8 cm and it weighs 10.0 g. The stem measures 1.5 cm x 3.1 cm and comprises about 63% of the total length of the specimen. The raw material is heat-treated Burlington

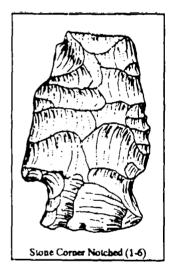


chert, which is found locally. Microscopic examination revealed no evidence of use-wear. This specimen most closely resembles the Stone Corner Notched type, which is associated with the Late Archaic Period.

Artifact 1-4 is a bifacial knife proximal. It is an expanding stem corner removed specimen with a missing tip, a damaged blade, sloping shoulders and a straight base. The cross section is biconvex with edge abrading on the stem but no beveling. Maximum

dimensions are 3.3 cm x 3.1 cm x 0.8 cm and it weighs 9.8 g. The stem measures 1.3 cm x 2.2 cm and comprises about 39% of the total length of the specimen. The raw material is heat-treated Burlington chert, which is found locally. Microscopic examination revealed wear resulting from cutting meat with bone contact. This specimen is resharpened and most closely resembles the Stone Corner Notched type, which is associated with the Late Archaic Period.

Artifact 1-5 is a bifacial knife. It is an expanding stem corner removed specimen with a missing tip, a damaged blade, square shoulder, and a straight base. The cross section is plano-convex with no edge abrading and no beveling. Maximum dimensions are 3.7 cm x 3.7 cm x 1.1 cm and it weighs 17.4 g. The stem measures 1.6 cm x 2.8 cm and comprises about 43% of the total length of the specimen. The raw material is heat-treated Burlington chert, which is found locally. Microscopic examination revealed wear resulting from cutting meat without bone contact. This specimen is resharpened and most closely resembles the Stone Corner Notched type, which is associated with the Late Archaic Period.



Artifact 1-6 is a projectile point/knife. It is an expanding stem specimen with a missing tip, a damaged blade, corner notches, square shoulders and a convex base. The tip has been carried away by an impact fracture. The cross section is biconvex with edge abrading on the stem and no beveling. Maximum dimensions are 5.2 cm x 3.3 cm x 0.9 cm and it weighs 16.1 g. The stem measures 1.2 cm x 2.7 cm and comprises about 23% of the total length of the specimen. The raw material is Burlington chert, which is found locally. Microscopic examination revealed wear resulting from cutting meat with bone contact. This specimen most closely resembles the Stone Corner Notched type, which is associated with the Late Archaic Period.

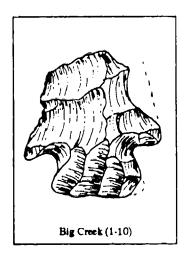
Artifact 1-7 is a bifacial knife proximal. It is an expanding stem comer removed specimen with a missing tip, a damaged blade, square shoulders and a straight base. The cross section is biconvex with edge abrading on the base and stem and no beveling. Maximum dimensions are 3.4 cm x 3.4 cm x 0.8 cm and it weighs 10.5 g. The stem measures 1.6 cm x 2.8 cm and comprises about 5% of the total length of the specimen. The raw material is heat-treated Burlington chert, which is found locally. Microscopic examination revealed wear resulting from cutting meat with bone contact. This specimen most closely resembles the Stone Corner Notched type, which is associated with the Late Archaic Period.

Artifact 1-8 is a bifacial knife proximal. It is an expanding stem specimen with a missing tip, a damaged blade, corner notches, barbed shoulders and a damaged base. The cross section is biconvex with no edge abrading and no beveling. Max' um dimensions are 3.9 cm x 4.0 cm x 0.9 cm and it weighs 16.2 g. The stem is 1.2 cm long and

comprises about 31% of the total length of the specimen. The raw material is Burlington chert, which is found locally. Microscopic examination revealed wear resulting from cutting meat with bone contact. This specimen is resharpened and most closely resembles the Stone Corner Notched type, which is associated with the Late Archaic Period.

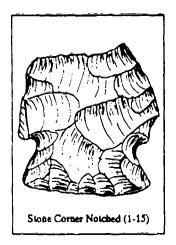
Artifact 1-9 is a bifacial knife proximal. It is an expanding stem specimen with a missing tip, a damaged blade, corner notches, barbed shoulders and a damaged base. The cross section is biconvex with no edge abrading and no beveling. Maximum dimensions are 3.3 cm x 2.5 cm x 0.7 cm and it weighs 6.5 g. The stem is 1.3 cm long and comprises about 39% of the total length of the specimen. The raw material is Burlington chert, which is found locally. Microscopic examination revealed wear resulting from cutting meat with bone contact. This specimen most closely resembles the Stone Corner Notched type, which is associated with the Late Archaic Period. This fragment consists of half of the stem, one notch, one shoulder and 2.0 cm of one blade margin.

Artifact 1-10 is a bifacial knife proximal. It is an expanding stem specimen with a missing tip, a damaged blade, corner notches, barbed shoulders and a convex base. The cross section is plano-convex with no edge abrading and unifacial beveling. Maximum dimensions are 3.8 cm x 3.6 cm x 0.7 cm and it weighs 8.0 g. The stem measures 1.3 cm x 2.3 cm and comprises about 34% of the total length of the specimen. The raw material is Burlington chert, which is found locally. Microscopic examination revealed wear resulting from cutting meat with bone contact. This specimen is resharpened and most closely resembles the Big Creek type, which is associated with the Late Archaic Period.



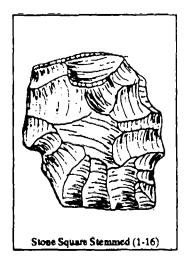
Artifact 1-11 is a stemmed biface proximal. It is an expanding stem specimen with a missing tip and blade, corner notches, barbed shoulders and a damaged base. The cross section is biconvex with edge abrading on the stem and no beveling. Maximum dimensions are 2.9 cm x 5.0 cm x 0.8 cm and it weighs 12.8 g. The stem measures 1.4 cm x 0.0 cm and comprises about 48% of the total length of the specimen. The raw material is heat-treated Burlington chert, which is found locally. Microscopic examination revealed no evidence of use-wear. This specimen most closely resembles the Grand type, which is associated with the Woodland Period.

Artifacts cataloged as 1-12 include four bifacial knife midsections. All have missing tips, damaged blades, no notches, no shoulders and missing stems and bases. None exhibit evidence of edge abrading or beveling. The raw material is Burlington chert (both heat-treated and untreated), which is found locally. Microscopic examination revealed wear resulting from cutting meat with bone contact. These are of an unclassified type not associated with a specific cultural period.



Artifact 1-15 is a dart point. It is an expanding stem specimen with a missing tip, a damaged blade, corner notches, missing shoulders and a straight base. The tip has been carried away by an impact fracture. The cross section is biconvex with edge abrading on the base and no beveling. Maximum dimensions are 3.7 cm x 3.3 cm x 0.8 cm and it weighs 13.7 g. The stem measures 1.2 cm x 3.2 cm and comprises about 32% of the total length of the specimen. The raw material is Burlington chert, which is found locally. Microscopic examination revealed no evidence of use-wear. This specimen most closely resembles the Stone Corner Notched type, which is associated with the Late Archaic Period.

Artifact 1-16 is a projectile point/knife. It is a parallel stem corner removed specimen with a missing tip, a damaged blade, square shoulders and a damaged base. The tip has been carried away by an impact fracture. The cross section is biconvex with edge abrading on the stem and no beveling. Maximum dimensions are 4.1 cm x 3.6 cm x 0.8 cm and it weighs 13.5 g. The stem measures 1.2 cm x 3.1 cm and comprises about 29% of the total length of the specimen. The raw material is heat-treated Burlington chert, which is found locally. Microscopic examination revealed wear resulting from cutting meat with bone contact. This specimen most closely resembles the Stone Square Stemmed type, which is associated with the Late Archaic Period.



Artifact 1-17 is a dart point proximal. It is an expanding stem corner removed specimen with a missing tip, a damaged blade, missing shoulders and a convex base. The tip has been carried away by an impact fracture. The cross section is biconvex with edge abrading on the stem and no beveling. Maximum dimensions are 3.9 cm x 3.0 cm x 0.7 cm and it weighs 10.7 g. The stem measures 1.3 cm x 2.7 cm and comprises about 33% of the total length of the specimen. The raw material is heat-treated Burlington chert, which is found locally. Microscopic examination revealed no evidence of use-wear. This specimen is exhausted and most closely resembles the Big Creek type, which is associated with the Late Archaic Period.

Artifact 1-18 is a bifacial knife proximal. It is an expanding stem specimen with a missing tip, a damaged blade, side notches, square shoulders and a damaged base. The cross section is biconvex with edge abrading on the stem but no beveling. Maximum dimensions are 4.5 cm x 2.6 cm x 0.9 cm and it weighs 11.6 g. The stem is 1.4 cm long and comprises about 31% of the total length of the specimen. The raw material is an unidentified chert. Microscopic examination revealed wear resulting from cutting meat with bone contact. This specimen is an unclassified type, which may be associated with the Late Archaic Period.

Artifact 1-19 is a bifacial knife. It is an expanding stem specimen with a missing tip, a damaged blade, corner notches, barbed shoulders and a straight base. The cross section is biconvex with edge abrading on the base and stem but no beveling. Maximum dimensions are 3.0 cm x 3.8 cm x 0.7 cm and it weighs 6.8 g. The stem measures 1.0 cm x 3.1 cm and comprises 33% of the total length of the specimen. The raw material is heattreated Burlington chert, which is found locally. Microscopic examination revealed wear resulting from cutting meat without bone contact. This specimen is an unclassified type that may be associated with the Late Archaic Period.



Artifact 1-20 is a bifacial knife. It is an expanding stem specimen with a missing tip, a damaged blade, corner notches, square shoulders and a straight base. The cross section is biconvex with no edge abrading and no beveling. Maximum dimensions are 3.4 cm x 3.0 cm x 0.8 cm and it weighs 8.3 g. The stem measures 1.0 cm x 2.6 cm and comprises about 29% of the total length of the specimen. The raw material is Jefferson City chert, which is found locally in the deeper valleys. Microscopic examination revealed wear resulting from cutting meat without bone contact. This specimen is resharpened and is an unclassified type that may be associated with the Late Archaic Period.

Artifact 1-23 is a bifacial knife. It is an unstemmed specimen with a rounded tip, an excurvate blade, no notches, no shoulders and a damaged base. The cross section is plano-convex with edge abrading on the blade and no beveling. Maximum dimensions are 5.6 cm x 3.6 cm x 1.0 cm and it weighs 22.3 g. The raw material is heat-treated Burlington chert, which is found locally. Microscopic examination revealed wear resulting from cutting meat with bone contact. This specimen is an unclassified type not associated with a specific cultural period. It was aborted due to a flaw in the chert and then used as cutting tool.

23DA402

23DA402 is a lithic scatter exhibiting evidence of a Middle to Late Archaic Period occupation. It was recorded by Howard Wimmer in 1989 when he collected 8 artifacts weighing 75.7 g. These included 2 unstemmed biface fragments (8.4 g), 1 bifacial knife fragment (12.5 g), 1 bifacial knife (11.0 g) and 3 preform fragments (37.7 g).

Artifact 1-1 is a bifacial knife. It is an expanding stem specimen with a missing tip, a damaged blade, side notches, sloping shoulders and a concave base. The cross section is biconvex with edge abrading in the notches but no beveling. Maximum dimensions are 4.6 cm x 2.5 cm x 0.7 cm and it weighs 11.0 g. The stem measures 1.5 cm x 2.3 cm and comprises about 33% of the total length of the specimen. The raw material is heat-treated Burlington chert, which is found locally. Microscopic examination revealed wear resulting

from cutting meat without bone contact. This specimen is resharpened and most closely resembles the White River type, which is associated with the Middle Archaic Period.

Artifact 1-3 is a bifacial knife proximal. It is an expanding stem specimen with a missing tip, a damaged blade, corner notches, missing shoulders and a damaged base. The cross section is biconvex with edge abrading on the base and no beveling. Maximum dimensions are 3.6 cm x 2.9 cm x 1.0 cm and it weighs 12.5 g. The stem is 1.4 cm long and comprises about 39% of the total length of the specimen. The raw material is Burlington chert, which is found locally. Microscopic examination revealed wear resulting from cutting meat with bone contact. This specimen most closely resembles the Stone Corner Notched type, which is associated with the Late Archaic Period.



23DA403

23DA403 is a lithic scatter exhibiting evidence of a Middle to Late Archaic occupation. It was recorded by Howard Wimmer in 1989 when he collected 8 artifacts weighing 75.7 g. These included 2 biface fragments (37.5 g), 3 bifacial knife fragments (11.8 g), 2 bifacial knife (17.9 g) and 1 projectile point/knife (8.5 g).



Artifact 1-1 is a projectile point/knife. It is a parallel stem corner removed specimen with a missing tip, a damaged blade, sloping shoulders and a convex base. The tip has been carried away by an impact fracture. The cross section is biconvex with edge abrading on the stem and beveling on the right blade edge. Maximum dimensions are 3.7 cm x 2.4 cm x 0.7 cm and it weighs 8.5 g. The stem measures 1.4 cm x 1.7 cm and comprises about 38% of the total length of the specimen. The raw material is heat-treated Burlington chert, which is found locally. Microscopic examination revealed wear resulting from cutting meat with bone contact. This specimen most closely resembles the Nolan type, which is associated with the Late

Archaic Period. This is a good example of the Nolan point, which usually is not found this far north. However Perioo (1985:274) notes that similar points have been found in west-central Illinois.

Artifacts cataloged as 1-4 include three bifacial knife midsections. All have missing tips, damaged blades, no notches, no shoulders and missing stems and bases. None exhibit edge abrading or beveling. The raw material is Burlington chert (both heat-treated and untreated), which is found locally. Microscopic examination revealed wear resulting from cutting meat with bone contact. These are of an unclassified type not associated with a specific cultural period.

Artifact 1-5 is a bifacial knife. It is an expanding stem specimen with a missing tip, a damaged blade, corner notches, square shoulders and a straight base. The cross section is biconvex with no edge abrading and no beveling. Maximum dimensions are 4.9 cm x 3.3 cm x 0.7 cm and it weighs 11.0 g. The stem measures 1.3 cm x 2.6 cm and comprises about 27% of the total length of the specimen. The raw material is heat-treated Burlington chert, which is found locally. Microscopic examination revealed wear resulting from cutting meat with bone contact. This specimen most closely resembles the Stone Corner Notched type, which is associated with the Late Archaic Period.

Artifact 1-6 is a bifacial knife. It is an bifurcated expanding stem specimen with a missing tip, a damaged blade, corner notches, barbed shoulders and a damaged base. The cross section is biconvex with no edge abrading and no beveling. Maximum dimensions are 4.0 cm x 2.8 cm x 0.6 cm and it weighs 6.9 g. The raw material is heat-treated Jefferson City chert, which is found locally in the deeper valleys. Microscopic examination revealed wear resulting from cutting meat with bone contact. This specimen is resharpened and is an unclassified type that may be associated with the Middle Archaic Period.



23DA405

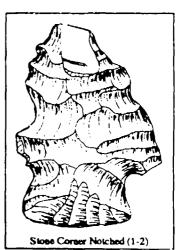
23DA405 is a lithic scatter exhibiting evidence of Late Archaic, Late Woodland and Mississippi Period occupations. It was recorded by Howard Wimmer in 1990 when he collected 6 artifacts weighing 60.4 g. These included 1 arrow point (0.4 g), 1 biface fragment (1.2 g), 1 dart point (17.2 g), 1 bifacial knife (4.7 g), 1 preform fragment (7.2 g) and 1 core scraper (29.7 g).



Artifact 1-1 is a bifacial knife. It is an expanding stem corner removed specimen with a pointed tip, a straight blade, sloping shoulders and a straight base. The cross section is plano-convex with no edge abrading and unifacial beveling. Maximum dimensions are

4.0 cm x 2.3 cm x 0.5 cm and it weighs 4.7 g. The stem measures 1.2 cm x 2.1 cm and comprises about 30% of the total length of the specimen. The raw material is Reeds Spring chert, which is found in southwest Missouri and northwest Arkansas into northeast

Oklahoma and extreme southeast Kansas. Microscopic examination revealed wear resulting from cutting meat with bone contact. This specimen is resharpened and most closely resembles the Kings Corner Notched type, which is associated with the Late Archaic Period.



Artifact 1-2 is a dart point. It is an expanding stem specimen with a missing tip, a damaged blade, corner notches, damaged shoulders and a straight base. The tip has been carried away by an impact fracture. The cross section is biconvex with edge abrading on the stem but no beveling. Maximum dimensions are 5.2 cm x 3.7 cm x 0.9 cm and it weighs 17.2 g. The stem measures 1.5 cm x 2.8 cm and comprises about 29% of the total length of the specimen. The raw material is Burlington chert, which is found locally. Microscopic examination revealed no evidence of use-wear. This specimen most closely resembles the Stone Corner Notched type, which is associated with the Late Archaic Period.



Artifact 1-3 is an arrow point. It is an expanding stem specimen with a missing tip, a damaged blade, corner notches, damaged shoulders and a straight base. The tip has been carried away by an impact fracture. The cross section is biconvex with no edge abrading and no beveling. Maximum dimensions are 1.7 cm x 1.0 cm x 0.3 cm and it weighs 0.4 g. The stem measures 0.5 cm x 0.9 cm and comprises about 29% of the total length of the specimen. The raw material is heat-treated Burlington chert, which is found locally. Microscopic examination revealed no use-wear. This specimen most

closely resembles the Scallorn type, which is associated with the Late Woodland Period.

Artifact 1-4 is a core scraper. It is an unstemmed specimen with a rounded tip, an excurvate blade, no notches, no shoulders and a convex base. The cross section is planoconvex with no edge abrading and unifacial beveling. Maximum dimensions are 4.5 cm x 3.4 cm x 1.8 cm and it weighs 29.7 g. The raw material is heat-treated Burlington chert, which is found locally. Microscopic examination revealed wear resulting from scraping wet hide. This specimen is resharpened and is an unclassified type that may be associated with the Woodiand Period.

23DA406

23DA406 is a prehistoric habitation of unknown cultural affiliation. It was recorded by Howard Wimmer in 1990 when he collected 1 bifacial knife fragment (18.5 g).

Artifact 1-1 is a bifacial knife proximal. It is an unstemmed specimen with a missing tip and blade, no notches, no shoulders and a convex base. The cross section is biconvex with no edge abrading and no beveling. Maximum dimensions are 3.1 cm x 5.6 cm x 1.0 cm and it weighs 18.5 g. The raw material is heat-treated Burlington chert, which is found locally. Microscopic examination revealed wear resulting from cutting meat with bone contact. This is either the base of an advance stage preform used as a knife or an unhafted specimen, since use rounding and polish are found on the basal area. This specimen is an unclassified type not associated with a specific cultural period.

23DA410

23DA410 is a lithic scatter exhibiting evidence of a Mississippi Period occupation. It was recorded by Howard Wimmer in 1990 when he collected 1 arrow point (1-1). It is an expanding stem specimen with a pointed tip, a serrated blade, corner notches, square shoulders and a convex base. The cross section is irregular with no edge abrading and no beveling. Maximum dimensions are 2.4 cm x 1.1 cm x 0.4 cm and it weighs 0.9 g. The stem measures 0.7 cm x 0.8 cm and comprises about 29% of the total length of the specimen. The raw material is Jefferson City chert, which is found locally in the deeper valleys. Microscopic examination revealed no evidence of use-wear. This specimen most closely resembles the Sequoyah type, which is associated with the Caddoan Period.

23DA412

23DA412 is a prehistoric shelter exhibiting evidence of Middle to Late Woodland and Mississippi Period occupations. It was recorded by Howard Wimmer in 1991 when he collected 4 artifacts weighing 7.7 g. These included 3 arrow points (2.9 g) and 1 stemmed biface fragment (4.8 g).



Artifact 1-1 is an arrow point. It is an expanding stem specimen with a pointed tip, a straight blade, corner notches, square shoulders and a convex base. The cross section is biconvex with no edge abrading and no beveling. Maximum dimensions are $1.9 \text{ cm} \times 1.0 \text{ cm} \times 0.4 \text{ cm}$ and it weighs 0.9 g. The stem measures $0.5 \text{ cm} \times 0.8 \text{ cm}$ and comprises about 26% of the total length of the specimen. The 12w material is heat-treated Burlington chert, which is found locally. Microscopic examination revealed no evidence of use-wear.

This specimen most closely resembles the Scallorn type, which is associated with the Mississippi Period.

Artifact 1-2 is an arrow point. It is an unstemmed specimen with a missing tip, an excurvate blade, side notches, square shoulders and a convex base. The cross section is plano-convex with no edge abrading and no beveling. Maximum dimensions are $1.6 \text{ cm} \times 1.2 \text{ cm} \times 0.3 \text{ cm}$ and it weighs 0.8 g. The raw material is Jefferson City quartzite, which is found locally in the deeper valleys. Microscopic examination revealed no cylidence of usewear. This specimen most closely resembles the Keota type, which is associated with the Mississippi Period.



Artifact 1-3 is an arrow point. It is an unstemmed specimen with a missing tip, a straight blade, side notches, no shoulders and a concave base. The cross section is biconvex with no edge abrading and no beveling. Maximum dimensions are 2.0 cm x 1.1 cm x 0.4 cm and it weighs 1.2 g. The raw material is Burlington chert, which is found locally. Microscopic examination revealed no evidence of use-wear. This specimen is resharpened

and most closely resembles the Haskell type, which is associated with the Mississippi Period. The blade appears reworked, as it is narrower than usual for the type.

Artifact 1-4 is a stemmed biface proximal. It is an expanding stem specimen with a missing tip and blade, side notches, square shoulders and a straight base. The cross section is biconvex with edge abrading on the base but no beveling. Maximum dimensions are 1.9 cm x 2.9 cm x 0.7 cm and it weighs 4.8 g. The stem measures 1.2 cm x 2.9 cm and comprises about 63% of the total length of the specimen. The raw material is heat-treated Burlington chert, which is found locally. Microscopic examination revealed no evidence of use-wear. This specimen most closely resembles the Steuben type (except for the short hafting area), which is associated with the Woodland Period.

POLK COUNTY SITES

23PO230

23PO230 is a lithic scatter exhibiting evidence of Middle to Late Archaic, Middle to Late Woodland and Mississippi Period occupations. It was recorded in 1973 by Mark Shadwick and visited by Howard Wimmer in 1991 when he collected 4 artifac is weighing 24.0 g. These included 1 arrow point fragment (0.7 g), 1 dart point (6.2 g), 1 bifacial knife fragment (6.4 g) and 1 projectile point/knife fragment (10.7 g).

Artifact 1-1 is a dart point recovered from Surface Area 2I. It is an unstemmed specimen with a missing tip, a damaged blade, side notches, sloping shoulders and a concave base. The tip has been carried away by an impact fracture. The cross section is biconvex with no edge abrading and no beveling. Maximum dimensions are 4.0 cm x 1.9 cm x 0.8 cm and it weighs 6.2 g. The raw material is Burlington chert, which is found locally. Microscopic examination revealed no evidence of use-wear. This specimen is resharpened and most closely resembles the White River type, which is associated with the Middle Archaic Period.

Artifact 1-2 is a bifacial knife proximal recovered from Surface Area 1. It is an expanding stem specimen with a missing tip, a damaged blade, corner notches, barbed shoulders and a missing base. The cross section is biconvex with edge abrading on the stem but no beveling. Maximum dimensions are 3.2 cm x 2.7 cm x 0.7 cm and it weighs 6.4 g. The raw material is heat-treated Burlington chert, which is found locally. Microscopic examination revealed wear resulting from cutting meat with bone contact. This specimen is resharpened and most closely resembles the Kings Corner Notched type, which is associated with the Terminal Archaic through Middle Woodland Period. This is a well-made biface, finished by pressure flaking. The blade margins probably were recurved. One exhibits serrations.

Artifact 1-3 is a projectile point/knife proximal recovered from Surface Area 1. It is a contracting stem corner removed specimen with a missing tip, an incurvate blade, sloping shoulders and a concave base. The cross section is biconvex with edge abrading

on the stem and no beveling. Maximum dimensions are 4.5 cm x 4.0 cm x 0.6 cm and it weighs 10.7 g. The stem measures 1.7 cm x 2.5 cm and comprises about 38% of the total length of the specimen. The raw material is heat-treated Barling on chert, which is found locally. Microscopic examination revealed wear resulting from cutting meat with bone contact. This specimen is resharpened and most closely resembles the Dickson type, which is a rejated with the Middle Woodland Period.





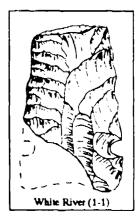
Artifact 1-4 is an arrow point stem recovered from Surface Area 1. It is a parallel stem specimen with a missing tip, an excurvate blade, corner notches, barbed shoulders and a convex base. The cross section is biconvex with no edge abrading and no beveling. Maximum dimensions are 1.5 cm x 1.2 cm x 0.5 cm and it weighs 0.7 g. The stem measures 0.6 cm x 0.8 cm and comprises about 40% of the total length of the specimen. The raw material is Burlington chert, which is found locally. Microscopic

examination revealed no evidence of use-wear. This specimen most closely resembles the Scallorn type, which is associated with the Late Woodland through Mississippi Period.

23PO304

23PO304 is a lithic scatter and cairn burial exhibiting evidence of Middle to Late Archaic, Late Woodland and Mississippi Period occupations. It was recorded in 1962 by McMillan and Pangborn and visited by Prewitt and Associates investigators in 1984. Howard Wimmer visited the site in 1989 when he collected 5 artifacts weighing 121.1 g. These included 1 stemmed biface fragment (6.0 g), 2 bifacial knives (20.6 g) and 2 preform fragments (94.5 g).

Artifact 1-1 is a bifacial knife. It is an unstemmed specimen with a missing tip, an incurvate blade, side notches, square shoulders and a damaged base. The cross section is rhomboidal with no edge abrading and beveling on the left edge of the blade. Maximum dimensions are 4.2 cm x 2.5 cm x 0.8 cm and it weighs 8.9 g. The raw material is Jefferson City chert, which is found locally in the deeper valleys. Microscopic examination revealed wear resulting from cutting meat with bone contact. This specimen most closely resembles the White River type, which is associated with the Middle Archaic Period.



Artifact 1-2 is a stemmed biface proximal. It is an expanding stem corner removed specimen with a missing tip and blade, barbed shoulders and a convex base. The cross section is irregular with no edge abrading and no beveling. Maximum dimensions are 2.6



cm x 3.1 cm x 0.7 cm and it weighs 6.0 g. The stem measures 1.4 cm x 2.2 cm and comprises about 54% of the total length of the specimen. The raw material is heat-treated Burlington chert, which is found locally. Microscopic examination revealed no evidence of use-wear. This specimen most closely resembles the Big Creek type, which is associated with the Late Archaic Period.

Artifact 1-3 is a bifacial knife. It has a pointed tip, an excurvate blade, no notches, sloping shoulders and a missing stem and base. The cross section is biconvex with no edge abrading and no beveling. Maximum dimensions are 5.5 cm x 2.3 cm x 0.9 cm and it weighs 11.7 g. The raw material is heat-treated Burlington chert, which is found locally. Microscopic examination revealed wear resulting from cutting meat with bone contact. This specimen is resharpened and is an unclassified type not associated with a specific cultural period.

23PO320

23PO320 is a prehistoric and historic habitation exhibiting evidence of Early to Late Archaic, Early and Middle Woodland and Mississippi Period occupations. It was recorded in 1982 by Prewitt and Associates investigators and visited by Howard Wimmer in 1988 when he collected 2 artifacts weighing 18.1 g. These included 1 biface edge fragment (8.7 g) and 1 preform proximal (9.4 g). Neither is associated with a specific cultural period.

23PO351

23PO351 is a prehistoric habitation exhibiting evidence of Early to Late Archaic, Middle to Late Woodland and Mississippi Period occupations. It was recorded by Howard Wimmer in 1986 when he collected 129 artifacts weighing 2,332.8 g. These included 1 flat abrader (564.9 g), 1 arrow point (0.6 g), 38 biface fragments (326.5 g), 7 stemmed biface fragments (63.3 g), 6 unstemmed biface fragments (38.7 g), 1 sandstone concretion (64.7 g), 5 dart point fragments (31.4 g), 1 bifacial drill fragment (0.7 g), 1 hammerstone (88.6 g), 10 bifacial knife fragments (67.6 g), 9 bifacial knife (73.1 g), 1 knife/scraper (11.2 g), 15 mussel shell fragments (195.6 g), 29 preform fragments (655.8 g), 2 preforms (134.5 g) and 2 projectile point/knife fragments (15.6 g).

Artifact 1-1 is a bifacial knife recovered from Surface Area C. It is an expanding stem corner removed specimen with a missing tip, a damaged blade, sloping shoulders and a concave base. The cross section is rhomboidal with no edge abrading and beveling on the left edge of the blade. Maximum dimensions are $4.2 \text{ cm } \times 2.7 \text{ cm } \times 0.8 \text{ cm}$ and it weighs 10.1 g. The stem measures 1.3 cm x 2.4 cm and comprises about 31% of the total length of the specimen. The raw material is heat-treated Burlington chert, which is found locally. Microscopic examination revealed wear resulting from cutting meat without bone contact. This specimen is resharpened and is a late variant of the Rice type, as indicated by the absence of stem grinding. It is associated with the Middle Archaic Period.

Artifact 1-2 is a bifacial knite recovered from Surface Area C. It is an expanding stem specimer with a pointed tip, a straight blade, corner notches, barbed shoulders and a straight base. The cross section is plano-convex with no edge abrading and unifacial beveling. Maximum dimensions are 4.5 cm x 2.1 cm x 6.7 cm and it weighs 5.9 g. The stem measures 0.9 cm x 2.1 cm and comprises about 20% of the total length of the specimen. The raw material is Reeds Spring chert, which is found in southwest Missouri and northwest Arkansas into northeast Oklahoma and extreme southeast Kansas. Microscopic examination revealed wear resulting from cutting meat with bone contact. This specimen is resharpened and most closely recembles the Ensor type, which is associated with the Late Archaic Period.





Artifact 1-3 is a bifacial knife/scraper recovered from Surface Area C. It is an expanding stem specimen with a rounded tip, an excurvate blade, corner notches, barbed shoulders and a convex base. The cross section is biconvex with no edge abrading and no beveling. Maximum dimensions are 3.7 cm x 3.8 cm x 0.8 cm and it weighs 11.2 g. The stem measures 1.3 cm x 3.2 cm and comprises about 35% of the total length of the specimen. The raw material is heat-treated Burlington chert, which is found locally. Microscopic examination revealed wear resulting from

cutting meat with bone contact and from scraping wet hide. This specimen is exhausted and most closely resembles the Grand type, which is associated with the Middle Woodland Period.

Artifact 1-7 is a dart point stem recovered from Surface Area C. It is an expanding stem specimen with a missing tip and blade, corner notches, square shoulders and a convex base. The cross section is biconvex with no edge abrading and no beveling. Maximum dimensions are 2.4 cm x 3.9 cm x 0.8 cm and it weighs 7.5 g. The stem measures 1.4 cm x 3.2 cm and comprises about 58% of the total length of the specimen. The raw material is heat-treated Burlington chert, which is found locally. Microscopic examination revealed no evidence of use-wear. This specimen most closely resembles the Big Creek type, which is associated with the Late Archaic

Period.

Artifact 1-8 is a dart point stem recovered from Surface Area C. It is an expanding stem specimen with a missing tip and blade, corner notches, square shoulders and a convex base. The cross section is biconvex with no edge abrading and no beveling. Maximum dimensions are 3.6 cm x 3.4 cm x 0.8 cm and it weighs 11.7 g. The stem measures 1.4 cm x 2.8 cm and comprises about 39% of the total length of the specimen. The

raw material is Burlington chert, which is found locally. Microscopic examination revealed no evidence of use-wear. This specimen most closely resumbles the Big Creek type, which is associated with the Late Archaic Period.

Artifact 1-9 is a dart point stem recovered from Surface Area C. It is a parallel stem specimen with a missing tip and blade, corner removed square shoulders and a straight base. The cross section is biconvex with no edge abrading and no beveling. Maximum dimensions are 2.9 cm x 3.1 cm x 0.9 cm and it weighs 7.9 g. The stem measures 1.2 cm x 2.1 cm and comprises about 41% of the total length of the specimen. The raw material is, an unidentified dark and light gray fossiliferous chert (Sedalia). Microscopic examination revealed no evidence of use-wear. This specimen most closely resembles the Stone Square Stemmed type, which is associated with the Late Archaic Period.

Artifact 1-10 is a stemmed biface proximal recovered from Surface Area C. It is a parallel stem corner removed specimen with a missing tip and blade, barbed shoulders and a straight base. The cross section is biconvex with no edge abrading and no beveling. Maximum dimensions are 3.6 cm x 3.7 cm x 0.9 cm and it weighs 11.3 g. The stem measures 0.9 cm x 2.5 cm and comprises 25% of the total length of the specimen. The raw material is heat-treated Keokuk chen, which is abundant further south but may be available locally in highly restricted areas. Microscopic examination revealed no evidence of use-wear. This specimen is an unclassified type that may be associated with the Late Archaic Period. The short square stem has probably been broken and reworked unifacially. It may originally have been either a Smith or Stone Square Stemmed point.

Artifact 1-11 is an arrow point recovered from Surface Area C. It is an expanding stem corner removed specimen with a rounded tip, a straight blade, square shoulders and a straight base. The cross section is biconvex with no edge abrading and no beveling. Maximum dimensions are 1.7 cm x 1.0 cm x 0.4 cm and it weighs 0.6 g. The stem measures 0.7 cm x 0.9 cm and comprises about 41% of the total length of the specimen. The raw material is heat-treated Burlington chert, which is found locally. Microscopic examination revealed no evidence of use-wear. This specimen is resharpened and most closely resembles the Scallorn type, which is associated with the Late Woodland through Mississippi Period.

Artifact 1-12 is a biface fragment recovered from Surface Area C. It is an expanding stem corner removed specimen with a missing tip, a damaged blade, sloping shoulders and a straight base. The cross section is biconvex with edge abrading on the stem but no beveling. Maximum dimensions are 4.3 cm x 2.8 cm x 0.8 cm and it weighs 11.4 g. The stem measures 1.3 cm x 2.1 cm and comprises about 30% of the total length of the specimen. The raw material is heat-treated Burlington chert, which is found locally. Microscopic examination revealed battering but no evidence of use-wear. This specimen is a variant of the Table Rock Stemmed type, which is associated with the Late Archaic Period.



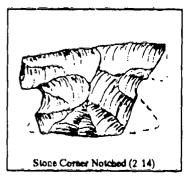
Artifact 1-13 is a bifacial knife recovered from Surface Area C. It is a parallel stem specimen with a pointed tip, a straight blade, no notches, no shoulders and a straight base. The cross section is biconvex with edge abrading on the stem and no beveling. Maximum dimensions are 4.1 cm x 2.7 cm x 0.7 cm and it weighs 7.3 g. The stem measures 1.4 cm x 2.4 cm and comprises about 34% of the total length of the specimen. The raw material is heat-treated Burlington chert, which is found locally. Microscopic examination revealed wear resulting from cutting meat with bone contact. This specimen is exhausted and is an unclassified type that may be associated with the Late Archaic Period. It has been resharpened so much that all of the shoulders are gone. It may have been a Smith point originally.

Artifact 2-1 is a biface recovered from Surface Area D. It is an expanding stem specimen with a pointed tip, a recurved blade, corner notches, barbed shoulders and a straight base. The cross section is biconvex with no edge abrading and no beveling. Maximum dimensions are 2.6 cm x 2.1 cm x 0.4 cm and it weighs 1.5 g. The stem measures 0.9 cm x 1.3 cm and comprises about 31% of the total length of the specimen. The raw material is heat-treated Burlington chert, which is found locally. Microscopic examination revealed wear resulting from cutting meat without bone contact. This specimer is resharpened and most closely resembles the Kings Corner Notched type, which is associated with the Terminal Archaic Period.



Artifact 2-12 is a stemmed biface proximal recovered from Surface Area D. It is an expanding stem specimen with a missing tip and blade, corner notches, barbed shoulders and a straight base. The cross section is biconvex with no edge abrading and no beveling. Maximum dimensions are 3.9 cm x 3.9 cm x 0.8 cm and it weighs 14.1 g. The stem measures 1.5 cm x 2.4 cm and comprises about 38% of the total length of the specimen. The raw material is heat-treated Burlington chert, which is found locally. Microscopic examination revealed no evidence of use-wear. This specimen most closely resembles the Stone Corner Notched type, which is associated with the Late Archaic Period.

Artifact 2-13 is a bifacial knife recovered from Surface Area D. It is an expanding stem specimen with a missing tip, a damaged blade, corner notches, barbed shoulders and a damaged base. The cross section is biconvex with no edge abrading and no beveling. Maximum dimensions are 3.3 cm x 3.1 cm x 0.8 cm and it weighs 7.7 g. The stem is 1.5 cm long and comprises about 45% of the total length of the specimen. The raw material is heat-treated Burlington chert, which is found locally. Microscopic examination revealed wear resulting from cutting meat with bone contact. This specimen most closely resembles the Big Creek type, which is associated with the Late Archaic Period.



Artifact 2-14 is a preform proximal recovered from Surface Area D. It is an expanding stem specimen with a missing tip and blade, corner notches, barbed shoulders and a straight base. The cross section is biconvex with no edge abrading and no beveling. Maximum dimensions are 2.5 cm x 3.9 cm x 0.9 cm and it weighs 8.5 g. The stem measures 1.2 cm x 2.3 cm and comprises about 48% of the total length of the specimen. The raw material is Jefferson City chert, which is found locally in the deeper valleys. Microscopic

examination revealed no evidence of use-wear. This specimen most closely resembles the Stone Corner Notched type, which is associated with the Late Archaic Period.

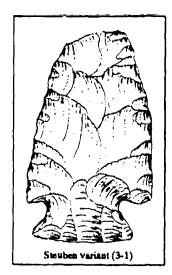
Artifact 2-15 is a stemmed biface proximal recovered from Surface Area D. It is an expanding stem specimen with a missing tip and blade, corner notches, barbed shoulders and a convex base. The cross section is biconvex with no edge abrading and no beveling. Maximum dimensions are 2.3 cm x 3.1 cm x 0.7 cm and it weighs 4.8 g. The stem measures 1.3 cm x 2.3 cm and comprises about 57% of the total length of the specimen. The raw material is heat-treated Burlington chert, which is found locally. Microscopic examination revealed no evidence of use-wear. This specimen most closely resembles the Big Creek type, which is associated with the Late Archaic Period.

Artifact 2-16 is a bifacial knife recovered from Surface Area D. It is an expanding stem specimen with a missing tip, a damaged blade, corner notches, square shoulders and a straight base. The cross section is biconvex with no edge abrading and no beveling. Maximum dimensions are 4.1 cm x 2.8 cm x 0.7 cm and it weighs 8.2 g. The stem measures 1.2 cm x 2.4 cm and comprises about 29% of the total length of the specimen. The raw material is heat-treated Burlington chert, which is found locally. Microscopic examination revealed wear resulting from cutting meat with bone contact. This specimen is resharpened and is an unclassified type that may be associated with the Middle Archaic Period. It probably developed from Rice Lobed with bifacial resharpening.



Artifact 2-17 is a bifacial drill midsection recovered from Surface Area D. It is an unstemmed specimen with a missing tip, a damaged blade, no notches, no shoulders and a missing base. The cross section is diamond-shaped with no edge abrading and no beveling. Maximum dimensions are 2.2 cm x 0.9 cm x 0.4 cm and it weighs 0.7 g. The raw material is heat-treated Burlington chert, which is found locally. Microscopic examination revealed wear resulting from perforating. This specimen is an unclassified type not associated with a specific cultural period.

Artifact 3-1 is a bifacial knife recovered from Surface Area A. It is an expanding stem specimen with a missing tip, an excurvate blade, corner notches, barbed shoulders and a straight base. The cross section is biconvex with no edge abrading and no beveling.



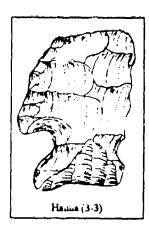
Maximum dimensions are 5.5 cm x 3.3 cm x 0.8 cm and it weighs 14.8 g. The stem measures 1.0 cm x 2.6 cm and comprises about 18% of the total length of the specimen. The raw material is heat-treated Burlington chert, which is found locally. Microscopic examination revealed wear resulting from cutting meat with bone contact. This specimen most closely resembles the Steuben variant type, which is associated with the Woodland Period.

Artifact 3-2 is a bifacial knife proximal recovered from Surface Area A. It is an expanding well-thinned stem specimen with a missing tip, a damaged blade, side notches, sloping shoulders

and a concave base. The cross section is biconvex with no edge abrading and no beveling. Maximum dimensions are 3.7 cm x 2.9 cm x 1.2 cm and it weighs 11.5 g. The stem measures 1.5 cm x 2.4 cm and comprises about 41% of the total length of the specimen. The raw material is heat-treated Burlington chert, which is found locally. Microscopic examination revealed wear resulting from cutting meat with bone contact. This specimen is a



variant of the Hanna type, which is associated with the Late Archaic Period. This point has a knot on one face that could not be removed by knapping.



Artifact 3-3 is a stemmed biface proximal recovered from Surface Area A. It is an expanding stem specimen with a missing tip, a damaged blade, corner notches, barbed shoulders and a cornave base. The cross section is biconvex with no edge abrading and no beveling. Maximum dimensions are 4.3 cm x 2.8 cm x 0.9 cm and it weighs 12.0 g. The stem measures 1.5 cm x 2.4 cm and comprises about 35% of the total length of the specimen. The raw material is heat-treated Burlington chert, which is found locally. Microscopic examination revealed no evidence of use-wear. This specimen most closely resembles the Hanna type, which is associated with the Late Archaic Period.

Artifact 3-4 is a projectile point/knife proximal recovered from Surface Area A. It is a parallel stem corner removed specimen with a missing tip, a damaged blade, square shoulders and a straight base. The tip has been carried away by an impact fracture. The cross section is biconvex with edge abrading on the stem but no beveling. Maximum dimensions are 3.8 cm x 3.4 cm x 0.9 cm and it weighs 12.1 g. The stem measures 1.7 cm x 2.2 cm and comprises about 45% of the total length of the specimen. The raw material is heat-treated



Burlington chert, which is found locally. Microscopic examination revealed wear resulting from cutting meat with bone contact. This specimen most closely resembles an unnamed type, which is associated with the Middle Archaic Period.



Artifact 3-5 is a stemmed biface proximal recovered from Surface Area A. It is an expanding stem specimen with a missing tip and blade, side notches, sloping shoulders and a convex base. The cross section is biconvex with no edge abrading and no beveling. Maximum dimensions are 3.2 cm x 2.4 cm x 0.7 cm and it weighs 5.5 g. The stem measures 1.2 cm x 2.1 cm and comprises about 38% of the total length of the specimen. The raw material is heat-treated Keokuk chert, which is abundant further south but may be available locally in highly restricted areas. Microscopic examination revealed no evidence of use-wear. This specimen most closely resembles the

Big Creek type, which is associated with the Late Archaic Period.

Artifacts cataloged as 3-8 include five bifacial knife midsections recovered from Surface Area A. All have missing tips, damaged blades, no shoulders and missing stems and bases. None exhibit edge abrading or beveling. The raw material is Burlington chert (both heat-treated and untreated), which is found locally. Microscopic examination revealed wear resulting from cutting meat with bone contact. These specimens are of an unclassified type not associated with a specific cultural period.

Artifact 3-9 is a dart point stem recovered from Surface Area A. It is an expanding stem specimen with a missing tip and blade, corner notches, missing shoulders and a convex base. The cross section is biconvex with no edge abrading and no beveling. Maximum dimensions are 1.5 cm x 1.9 cm x 0.6 cm and it weighs 2.0 g. The stem measures 0.9 cm x 1.7 cm and comprises about 60% of the total length of the specimen. The raw material is heat-treated Burlington chert, which is found locally. Microscopic examination revealed no evidence of use-wear. This specimen is an unclassified type that may be associated with the Mississippi Period. It is similar to the LC-8 category recovered from the Albertson site (Dickson 1991:166).

Artifact 3-10 is a bifacial knife recovered from Surface Area A. It is a contracting stem corner removed specimen with a missing tip, a damaged blade, missing shoulders and a damaged base. The cross section is biconvex with edge abrading on the stem and no beveling. Maximum dimensions are 4.5 cm x 3.3 cm x 0.9 cm and it weighs 16.2 g. The stem measures 0.8 cm x 0.0 cm and comprises about 18% of the total length of the specimen. The raw material is heat-treated Burlington chert, which is found locally. Microscopic examination revealed wear resulting from cutting meat with bone contact. This specimen is an unclassified type not associated with a specific cultural period. The short thick stem appears to have been reworked into a contracting form. Originally, it could have been squared or expanding.

Artifact 4-1 is a bifacial knife recovered from Surface Area B. It is a contracting stem specimen with a missing tip, a straight blade, no notches, no shoulders and a concave base. The cross section is rhomboidal with edge abrading on the stem and beveling on the left edge of the blade. Maximum dimensions are 4.7 cm x 1.9 cm x 0.8 cm and it weighs 6.0 g. The stem measures 1.4 cm x 1.9 cm and comprises about 30% of the total length of the specimen. The raw material is heat-treated Keokuk chert, which is abundant further south but may be available locally in highly restricted areas. Microscopic examination revealed wear resulting from cutting meat with bone contact. This specimen is exhausted and most closely resembles the Dalton type, which is associated with the Early Archaic Period. Many would classify



this as an Agate Basin-like point resharpened in the same manner as a Dalton. The hafting area contracts slightly to a concave base.



Artifact 4-2 is a bifacial knife recovered from Surface Area B. It is a parallel stem corner removed specimen with a missing tip, an excurvate blade, square shoulders and a straight base. The cross section is biconvex with edge abrading on the stem but no beveling. Maximum dimensions are 3.0 cm x 1.9 cm x 0.5 cm and it weighs 3.1 g. The stem measures 1.0 cm x 1.4 cm and comprises 33% of the total length of the specimen. The raw material is heat-treated Burlington chert, which is found locally. Microscopic examination revealed wear resulting from cutting meat with bone contact. This

specimen is resharpened and most closely resembles the Table Rock Stemmed type, which is associated with the Late Archaic Period.

Artifact 4-3 is a projectile point/knife midsection recovered from Surface Area B. It has a missing tip, a straight blade, basal notches, barbed shoulders and a missing stem and base. The tip has been carried away by an impact fracture. The stem was probably narrow and expanding. The cross section is biconvex with no edge abrading and no beveling. Maximum dimensions are 3.3 cm x 2.1 cm x 0.4 cm and it weighs 3.5 g. The raw material is heat-treated Burlington chert, which is found locally. Microscopic examination revealed wear resulting from cutting meat with bone contact. This specimen is an unclassified type not associated with a specific cultural period.

Artifact 4-4 is a stemmed biface proximal recovered from Surface Area B. It is an expanding corner removed stem specimen with a missing tip and blade, missing shoulders and a damaged base. The cross section is biconvex with edge abrading on the stem but no beveling. Maximum dimensions are 3.4 cm x 2.0 cm x 0.6 cm and it weighs 4.2 g. The stem is 1.5 cm long and comprises about 44% of the total length of the specimen. The raw material is heat-treated Jefferson City chert, which is found locally in the deeper valleys. Microscopic examination revealed no evidence of use-wear. This specimen most closely resembles the Table Rock Stemmed type, which is associated with the Late Archaic Period.

Artifact 4-5 is a dart point stem recovered from Surface Area B. It is a contracting stem specimen with a missing tip and blade, no notches, no shoulders and a convex base. The cross section is biconvex with edge abrading on the stem and no beveling. Maximum dimensions are 2.0 cm x 1.8 cm x 0.6 cm and it weighs 2.3 g. The raw material is heattreated Burlington chert, which is found locally. Microscopic examination revealed no evidence of use-wear. This specimen is an unclassified type not associated with a specific cultural period.

Artifact 4-6 is a bifacial knife proximal recovered from Surface Area B. It is a parallel stem corner removed specimen with a missing tip, a damaged blade, square shoulders and a damaged base. It is split lengthwise down the center. The cross section is biconvex with no edge abrading and no beveling. Maximum dimensions are 5.0 cm x 1.9 cm x 0.7 cm and it weighs 7.4 g. The stem is 1.1 cm long and comprises about 22% of the total length of the specimen. The raw material is heat-treated Burlington chert, which is found locally. Microscopic examination revealed wear resulting from cutting meat with bone contact. This specimen is an unclassified type not associated with a specific cultural period.

Artifacts cataloged as 4-9 include two bifacial knife proximals recovered from Surface Area B. They are unstemmed specimens with missing tips, damaged blades, no notches, no shoulders and a missing base. Neither exhibits evidence of edge abrading or beveling. Raw materials include Burlington chert (both heat-treated and untreated), which is found locally. Microscopic examination revealed wear resulting from cutting meat with bone contact. These specimens are of an unclassified type not associated with a specific cultural period.

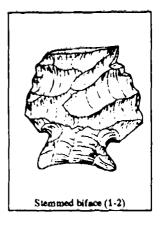
23PO355

23PO355 is a prehistoric habitation exhibiting evidence of Middle to Late Archaic, Early and Late Woodland and Mississippi Period occupations. It was recorded by Prewitt and Associates investigators in 1984 and visited by Howard Wimmer in 1988 when he collected 16 artifacts weighing 198.4 g. These included 1 arrow point (0.6 g), 2 biface fragments (15.6 g), 1 stemmed biface (4.6 g), 1 dart point (5.6 g), 3 bifacial knife fragments (37.4 g), 3 bifacial knives (49.5 g) and 5 preform fragments (85.1 g).

Artifact 1-1 is a dart point. It is an expanding stem corner removed specimen with a missing tip, a straight blade, sloping shoulders and a concave base. The tip has been carried away by an impact fracture. The cross section is biconvex with no edge abrading and no beveling. Maximum dimensions are 4.1 cm x 2.0 cm x 0.7 cm and it weighs 5.6 g. The stem measures 0.8 cm x 1.7 cm and comprises about 20% of the total length of the specimen. The raw material is heat-treated Burlington chert, which is found locally. Microscopic

Ellis (1-1)

examination revealed no evidence of use-wear. This specimen most closely resembles the Ellis type, which is associated with the Late Archaic Period.



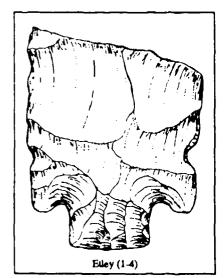
Artifact 1-2 is a stemmed biface. It is an expanding stem specimen with a missing tip, a damaged blade, basal notches, barbed shoulders and a concave base. The cross section is biconvex with edge abrading on the base but no beveling.

Maximum dimensions are 2.9 cm x 3.0 cm x 0.4 cm and it weighs 4.6 g. The stem measures 0.7 cm x 2.0 cm and comprises about 24% of the total length of the specimen. The raw material is heat-treated Burlington chert, which is found locally.

Microscopic examination revealed no evidence of use-wear. This specimen is an unclassified type that may be associated with the Archaic Period.

Artifact 1-3 is an arrow point. It is an expanding stem specimen with a pointed tip, a straight blade, corner notches, barbed shoulders and a straight base. The cross section is biconvex with no edge abrading and no beveling. Maximum dimensions are 2.3 cm x 1.3 cm x 0.3 cm and it weighs 0.6 g. The stem measures 0.4 cm x 0.8 cm and comprises about 17% of the total length of the specimen. The raw material is heat-treated Burlington chert, which is found locally. Microscopic examination revealed no evidence of use-wear. This specimen most closely resembles the Scallorn type, which is associated with the Late Woodland through Mississippi Period.





Artifact 1-4 is a bifacial knife. It is a parallel stem corner removed specimen with a missing tip, a damaged blade, barbed shoulders and a straight base. The cross section is plano-convex with no edge abrading and no beveling. Maximum dimensions are 5.3 cm x 4.6 cm x 1.2 cm and it weighs 34.2 g. The stem measures 1.2 cm x 2.2 cm and comprises about 23% of the total length of the specimen. The raw material is Burlington chert, which is found locally. Microscopic examination revealed wear resulting from cutting meat with bone contact. This specimen most closely resembles the Etley type, which is associated with the Late Archaic Period. This specimen is thick because the stone did not knap well and hinged leaving the center thicker. The stem is

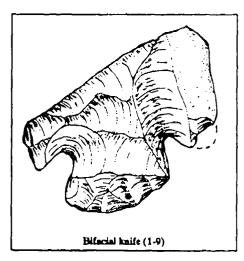
not as long as usual for the Etley type for the same reason. One margin is much damaged and the other shows some use polish and breakage.

Artifact 1-7 is a bifacial knife midsection. It has a missing tip, a damaged blade, corner notches, barbed shoulders and a missing stem and base. The cross section is

biconvex with no edge abrading and no beveling. Maximum dimensions are 4.2 cm x 3.9 cm x 0.6 cm and it weighs 9.1 g. The raw material is heat-treated Burlington chert, which is found locally. Microscopic examination revealed wear resulting from cutting meat with bone contact and from scraping wet hide. This specimen is an unclassified type that may be associated with the Late Archaic Period.

Artifact 1-8 is a bifacial knife. It is a parallel stem corner removed specimen with a missing tip, a straight blade, square shoulders and a missing base. The cross section is biconvex with no edge abrading and no beveling. Maximum dimensions are 3.3 cm x 2.7 cm x 0.7 cm and it weighs 6.9 g. The raw material is heat-treated Burlington chert, which is found locally. Microscopic examination revealed wear resulting from cutting meat with bone contact. This specimen is an unclassified type not associated with a specific cultural period. The stem has been broken 0.5 cm below the shoulders and has been unifacially beveled and used to scrape a hard substance, possibly bone or antler.

Artifact 1-9 is a bifacial knife proximal. It is an expanding stem specimen with a missing tip and blade, corner notches, barbed shoulders and a convex base. The cross section is biconvex with no edge abrading and no beveling. Maximum dimensions are 4.6 cm x 5.2 cm x 0.9 cm and it weighs 19.7 g. The stem measures 1.5 cm x 2.7 cm and comprises about 33% of the total length of the specimen. The raw material is heat-treated Burlington chert, which is found locally. Microscopic examination revealed wear resulting from cutting meat with bone contact. This specimen is an unclassified type that may be associated with



the Middle Archaic Period. Similar bifaces were recovered from an apparent Middle Archaic context at Calf Creek Cave in Searcy Co., Arkansas (Dickson 1970:70-71).



Artifact 1-10 is a bifacial knife. It is an expanding stem specimen with a missing tip, an excurvate blade, side notches, sloping shoulders and a concave base. The cross section is biconvex with edge abrading on the stem and no beveling. Maximum dimensions are 3.6 cm x 2.7 cm x 0.8 cm and it weighs 8.4 g. The stem measures 1.4 cm x 2.5 cm and comprises about 39% of the total length of the specimen. The raw material is heat-treated Burlington chert, which is found locally. Microscopic examination revealed wear resulting from cutting meat with bone contact. This specimen is resharpened and most closely resembles the Hanna type, which is associated with the Late Archaic Period.

Artifact 1-11 is a bifacial knife proximal. It is an unstemmed specimen with a missing tip, a damaged blade, no notches, no shoulders and a convex base. The cross

section is biconvex with no edge abrading and no beveling. Maximum dimensions are 4.6 cm x 3.4 cm x 0.5 cm and it weighs 8.6 g. The raw material is heat-treated Burlington chert, which is found locally. Microscopic examination revealed wear resulting from cutting meat with bone contact. This specimen is an unclassified type not associated with a specific cultural period. This biface is a very thin catalogy made tool that apparently was unhafted.

23PO357

23PO357 is a prehistoric habitation exhibiting evidence of Late Archaic, Late Woodland and Mississippi Period occupations. It was recorded by Prewitt and Associates investigators in 1984 and visited by Howard Wimmer in 1989 when he collected 29 artifacts weighing 315.3 g. These included 1 arrow point (1.7 g), 3 stemmed biface fragments (11.3 g), 1 dart point fragment (1.7 g), 2 bifacial knife fragments (12.0 g), 4 bifacial knife (46.7 g), 17 preform fragments (215.8 g) and 1 preform (26.1 g).

Artifact 1-1 is an arrow point recovered from Surface Area A. It is an expanding stem specimen with a pointed tip, a straight blade, corner notches, barbed shoulders and a straight base. The cross section is biconvex with no edge abrading and no beveling. Maximum dimensions are 2.7 cm x 1.8 cm x 0.5 cm and it weighs 1.7 g. The stem measures 0.7 cm x 1.0 cm and comprises about 26% of the total length of the specimen. The raw material is heat-treated Burlington chert, which is found locally. Microscopic examination revealed no evidence of use-wear. This specimen most closely resembles the Scallorn type, which is associated with the Late Woodland Period.





Artifact 1-2 is a bifacial knife proximal recovered from Surface Area A. It is an expanding stem specimen with a missing tip, a damaged blade, basal notches, barbed shoulders and a damaged base. The cross section is biconvex with no edge abrading and no beveling. Maximum dimensions are 2.3 cm x 2.7 cm x 0.5 cm and it weighs 3.5 g. The stem is 0.6 cm long and comprises about 26% of the total length of the specimen. The raw material is heat-treated Burlington chert, which is found locally. Microscopic examination revealed wear resulting from cutting meat

without bone contact. This specimen is a fairly rare type, possibly of Early Mississippi origin. The stem is not ground as are similarly shaped Archaic bifaces with broader stems.

Artifact 1-3 is a bifacial knife recovered from Surface Area A. It is an expanding stem corner removed specimen with a missing tip, a damaged blade, square shoulders and a convex base. The cross section is biconvex with edge abrading on the stem but no beveling. Maximum dimensions are 5.5 cm x 3.2 cm x 0.9 cm and it weighs 14.0 g. The stem measures 1.6 cm x 2.4 cm and comprises about 29% of the total length of the specimen. The raw material is heat-treated Burlington chert, which is found locally.

Microscopic examination revealed wear resulting from cutting meat with bone contact. This specimen is resharpened and most closely resembles the Big Creek type, which is associated with the Late Archaic Period.

Artifact 1-4 is a bifacial knife recovered from Surface Area A. It is an expanding stem specimen with a missing tip, a damaged blade, side notches, missing shoulders and a convex base. The cross section is biconvex with no edge abrading and no beveling. Maximum dimensions are 3.0 cm x 2.4 cm x 0.6 cm and it weighs 5.8 g. The stem measures 1.3 cm x 2.4 cm and comprises about 43% of the total length of the specimen. The raw material is heat-treated Burlington chert, which is found locally. Microscopic examination revealed wear resulting from cutting meat with bone contact. This specimen most closely resembles the Big Creek type, which is associated with the



Late Archaic Period. It was probably originally corner notched, but has been resharpened so much that most of blade is gone and wide shallow side notches have been created.

Artifact 2-2 is a bifacial knife recovered from Surface Area B. It is a parallel stem specimen with a pointed tip, a straight blade, basal notches, barbed shoulders and a straight base. The cross section is biconvex with no edge abrading and no beveling. Maximum dimensions are 5.8 cm x 4.6 cm x 0.9 cm and it weighs 22.7 g. The stem measures 1.3 cm x 2.5 cm and comprises about 22% of the total length of the specimen. The raw material is Burlington chert, which is found locally. Microscopic examination revealed wear resulting from cutting meat with bone contact. This specimen is resharpened and most closely resembles the Late Archaic Period Smith type.

Artifact 2-3 is a stemmed biface proximal recovered from Surface Area B. It is an expanding stem specimen with a missing tip and blade, corner notches, barbed shoulders and a convex base. The cross section is biconvex with no edge abrading and no beveling. Maximum dimensions are 2.8 cm x 3.8 cm x 0.8 cm and it weighs 9.1 g. The stem measures 1.3 cm x 2.5 cm and comprises about 46% of the total length of the specimen. The raw material is heat-treated Burlington chert, which is found locally. Microscopic examination revealed no evidence of use-wear. This specimen most closely resembles the Big Creek type, which is associated with the Late Archaic Period.



Artifact 2-4 is a bifacial knife recovered from Surface Area B. It is an expanding stem specimen with a missing tip, an excurvate blade, side notches, square shoulders and a damaged base. The cross section is biconvex with no edge abrading and no beveling. Maximum dimensions are 3.2 cm x 2.0 cm x 0.7 cm and it weighs 4.2 g. The stem is 0.7 cm long and comprises about 22% of the total length of the specimen. The raw material is heat-treated Burlington chert, which is found locally. Microscopic examination revealed wear resulting from cutting meat with bone contact. This specimen most closely resembles the Ensor type, which is associated with the Late Archaic Period.

Artifact 2-5 is a dart point stem recovered from Surface Area B. It is a parallel stem specimen with a missing tip, a damaged blade, corner removed missing shoulders and a convex base. The cross section is biconvex with edge abrading on the stem and no beveling. Maximum dimensions are 2.3 cm x 1.6 cm x 0.5 cm and it weighs 1.7 g. The stem measures 0.8 cm x 1.3 cm and comprises about 35% of the total length of the specimen. The raw material is heat-treated Burlington chert, which is found locally. Microscopic examination revealed no evidence of use-wear. This specimen is resharpened and most closely resembles the Table Rock Stemmed type, which is associated with the Late Archaic Period.

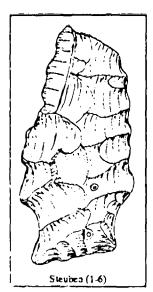
Artifact 2-6 is a bifacial knife midsection recovered from Surface Area B. It is an unstemmed specimen with a missing tip, a damaged blade, no notches, no shoulders and a missing base. The cross section is biconvex with no edge abrading and no beveling. Maximum dimensions are 3.9 cm x 3.0 cm x 0.6 cm and it weighs 8.5 g. The raw material is heat-treated Jefferson City chert, which is found locally in the deeper valleys. Microscopic examination revealed wear resulting from cutting meat with bone contact. This specimen is an unclassified type not associated with a specific cultural period.

23PO359

23PO359 is a prehistoric habitation exhibiting evidence of Early to Late Archaic, Middle to Late Woodland and Mississippi Period occupations. It was recorded in 1984 by Prewitt and Associates investigators and visited by Howard Wimmer in 1989 when he collected 84 artifacts weighing 816.2 g. These included 1 arrow point fragment (3.5 g), 1 arrow point (2.3 g), 17 biface fragments (78.7 g), 5 stemmed biface fragments(25.3 g), 1 stemmed biface (4.2 g), 9 unstemmed biface fragments (32.8 g), 1 dart point fragment (1.7 g), 5 dart points (31.8 g), 1 bifacial drill fragment (0.4 g), 1 bifacial drill (4.8 g), 5 bifacial knife fragment (31.3 g), 3 bifacial knives (31.6 g), 31 preform fragments (548.3 g), 1 preform (4.1 g), 1 projectile point/knife fragment (11.2 g) and 1 bifacial end scraper (4.2 g).

Artifact 1-5 is a bifacial knife proximal. It is a parallel stem specimen with a missing tip and blade, no notches, no shoulders and a concave base. The cross section is biconvex with edge abrading on the base and stem and no beveling. Maximum dimensions are 3.0 cm x 2.4 cm x 0.7 cm and it weighs 4.9 g. The raw material is Burlington chert, which is found locally. Microscopic examination revealed wear resulting from cutting meat without bone contact. This specimen is resharpened and most closely resembles the Dalton type, which is associated with the Early Archaic Period. It is broken just above the hafting area. Two serrations are apparent above the hafting area on each side and these feature some use polish. A flutclike thinning flake runs the full length of the specimen on one face.





Artifact 1-6 is a bifacial knife. It is an expanding stem specimen with a missing tip, a damaged blade, side notches, sloping shoulders and a straight base. The cross section is biconvex with no edge abrading and no beveling. Maximum dimensions are 6.1 cm x 2.9 cm x 0.9 cm and it weighs 16.8 g. The stem measures 1.2 cm x 2.1 cm and comprises about 20% of the total length of the specimen. The raw material is Pierson chert, which is abundant in the Branson area and may be exposed in limited areas locally. Microscopic examination revealed wear resulting from cutting meat with bone contact. This specimen most closely resembles the Steuben type, which is associated with the Woodland Period.

Artifact 1-7 is a dart point. It is a slightly expanding stem corner removed specimen with a missing tip, a damaged blade,

damaged shoulders and a straight base. The cross section is biconvex with no edge abrading and no beveling. The tip has been carried away by an impact fracture. Maximum dimensions are 4.5 cm x 3.5 cm x 0.5 cm and it weighs 10.9 g. The stem measures 1.5 cm x 3.0 cm and comprises 33% of the total length of the specimen. The raw material is Keokuk chert, which is abundant further south but may be available locally in highly restricted areas. Microscopic examination revealed no evidence of use-wear. This specimen most closely resembles the Unknown type that may be associated with the Late Archaic Period.

Artifact 1-8 is a bifacial knife. It is an expanding stem specimen with a missing tip, a damaged blade, side notches, square shoulders and a convex base. The cross section is biconvex with no edge abrading and no beveling. Maximum dimensions are 3.2 cm x 3.4 cm x 0.7 cm and it weighs 9.3 g. The stem measures 1.3 cm x 3.1 cm and comprises about 41% of the total length of the specimen. The raw material is heattreated Burlington chert, which is found locally. Microscopic examination revealed wear resulting from cutting meat with bone contact. This specimen most closely resembles the Big Creek type which is associated with the Late Archaic Feriod.



Artifact 1-9 is a bifacial knife. It is an expanding stem specimen with a missing tip, an incurvate blade, corner notches, barbed shoulder, and a convex base. The cross section is biconvex with no edge abrading and no beveling. Maximum dimensions are 3.3 cm x 2.5 cm x 0.6 cm and it weighs 5.5 g. The stem measures 1.0 cm x 2.5 cm and comprises about 30% of the total length of the specimen. The raw material is heat-treated Burlington chart, which is found locally. Microscopic examination revealed wear resulting from cutting meat with bone contact. This specimen is resharpened and is a variant of the Big Creek type, which is associated with the Late Archaic Period.

Artifact 1-10 is a dart point. It is an expanding stem corner removed specimen with a missing tip, a damaged blade, missing shoulders and a convex base. The tip has been carried away by an impact fracture. The cross section is biconvex with no edge abrading and no beveling. Maximum dimensions are 4.5 cm x 3.0 cm x 1.2 cm and it weighs 14.2 g. The stem measures 1.3 cm x 2.8 cm and comprises about 29% of the total length of the specimen. The raw material is heat-treated fossiliferous and coarse textured Burlington chert, which is found locally. Microscopic examination revealed no evidence of use-wear. This specimen is resharpened and most closely resembles the Big Creek type, which is associated with the Late Archaic Period.



Artifact 1-12 is a bifacial drill. It is an unstemmed specimen with a pointed tip, a straight blade, no notches, no shoulders and a convex base. The cross section is biconvex with no edge abrading and no beveling. Maximum dimensions are 3.6 cm x 2.9 cm x 0.6 cm and it weighs 4.8 g. The raw material is heat-treated Burlington chert, which is found locally. Microscopic examination revealed wear resulting from perforating. This specimen is an unclassified type that may be associated with the Woodland Period.

Artifact 1-13 is a projectile point/knife proximal. It is an expanding stem specimen with a missing tip, a damaged blade, corner removed barbed shoulders and a convex base. The tip has been carried away by an impact fracture. The cross section is biconvex with no edge abrading and no beveling. Maximum dimensions are 4.7 cm x 3.5 cm x 0.7 cm and it weighs 11.2 g. The stem measures 1.2 cm x 2.8 cm and comprises about 26% of the total length of the specimen. The raw material is heat-treated Burlington chert, which is found locally. Microscopic examination revealed wear resulting from cutting meat without bone contact. This specimen is resharpened and most closely resembles the Big Creek type, which is associated with the Late Archaic Period.



Artifact 1-14 is a dart point stem. It is an expanding stem corner removed specimen with a missing tip and blade, square shoulders and a straight base. The tip has been carried away by an impact fracture. The cross section is biconvex with edge abrading on the stem and no beveling. Maximum dimensions are $2.0 \text{ cm} \times 1.7 \text{ cm} \times 0.5 \text{ cm}$ and it weighs 1.7 g. The stem measures $0.8 \text{ cm} \times 1.2 \text{ cm}$ and comprises 40% of the total length of the specimen. The raw material is heat-treated Burlington chert, which is found locally. Microscopic examination revealed no evidence of use-wear. This specimen is exhausted and is a variant of the Table Rock Stemmed type, which is associated with the Late Archaic Period.



Artifact 1-15 is a preform. It is an unstemmed specimen with a rounded tip, an excurvate blade, no notches, no shoulders and a convex base. The cross section is biconvex with edge abrading on the blade and beveling on the right blade edge. Maximum dimensions are 3.6 cm x 1.9 cm x 0.6 cm and it weighs 4.1 g. The raw material is heat-treated Burlington chert, which is found locally. Microscopic examination revealed no evidence of use-wear. This specimen is an unclassified type that may be associated with the Woodland Period.

Artifact 1-16 is an arrow point. It is an unstemmed specimen with a missing tip, a damaged blade, no notches, no shoulders and a convex base. The tip has been carried away by an impact fracture. The cross section is biconvex with no edge abrading and no beveling. Maximum dimensions are 2.4 cm x 1.6 cm x 0.5 cm and it weighs 2.3 g. The raw material is Jefferson City chert, which is found locally in the deeper valleys. Microscopic examination revealed no evidence of use-wear. This specimen most closely resembles the Crisp Ovate type, which is associated with the Mississippi Period.





Artifact 1-17 is a dart point. It is an expanding stem specimen with a missing tip, a damaged blade, side notches, sloping shoulders and a concave base. The tip has been carried away by an impact fracture. The cross section is biconvex with edge abrading on the base and stem but no beveling. Maximum dimensions are $2.4 \text{ cm} \times 1.7 \text{ cm} \times 0.5 \text{ cm}$ and it weighs 2.4 g. The stem measures $1.0 \text{ cm} \times 1.8 \text{ cm}$ and comprises about 42% of the total length of the specimen. The raw material is heat-treated Burlington chert, which is found locally. Microscopic examination

revealed no evidence of use-wear. This specimen is exhausted and most closely resembles the White River type, which is associated with the Middle Archaic Period.

Artifact 1-18 is a dart point. It is an expanding stem specimen with a missing tip, a damaged blade, side notches, sloping shoulders and a concave base. The tip has been carried away by an impact fracture. The cross section is biconvex with edge abrading on the base and stem and no beveling. Maximum dimensions are $2.0 \text{ cm} \times 1.7 \text{ cm} \times 0.6 \text{ cm}$ and it weighs 2.3 g. The stem measures $0.8 \text{ cm} \times 1.7 \text{ cm}$ and comprises 40% of the total length of the specimen. The raw material is Pierson chert, which is abundant in the Branson area and may be exposed in limited areas locally. Microscopic examination revealed no evidence of use-wear.



areas locally. Microscopic examination revealed no evidence of use-wear. This specimen is exhausted and most closely resembles the White River type, which is associated with the Middle Archaic Period.

Artifact 1-19 is a dart point. It is an expanding stem specimen with a missing tip and blade, side notches, missing shoulders and a concave base. The tip has been carried

away by an 'mpact fracture. The cross section is biconvex with no edge abrading and no beveling. Maximum dimensions are 1.7 cm x 2.2 cm x 0.7 cm and it weighs 2.0 g. The stem measures 1.0 cm x 2.2 cm and comprises about 59% of the total length of the specimen. The raw material is heat-treated Burlington chert, which is found locally. Microscopic examination revealed no evidence of use-wear. This specimen is exhausted and most closely resembles the White River type, which is associated with the Middle Archaic Period.



Artifact 1-20 is a bifacial end scraper. It is an expanding stem corner removed specimen with a rounded tip, an excurvate blade, square shoulders and a convex base. The cross section is biconvex with no edge abrading and no beveling. Maximum dimensions are 2.8 cm x 2.2 cm x 0.6 cm and it weighs 4.2 g. The stem measures 1.3 cm x 2.1 cm and comprises about 46% of the total length of the specimen. The raw material is heat-treated Burlington chert, which is found locally. Microscopic examination revealed wear resulting from

scraping wet hide. This specimen is exhausted and most closely resembles the Big Creek type, which is associated with the Late Archaic Period.

Artifact 1-21 is a stemmed biface proximal. It is an expanding stem corner removed specimen with a missing tip and blade, damaged shoulders and a damaged base. The cross section is biconvex with no edge abrading and no beveling. Maximum dimensions are 2.5 cm x 3.1 cm x 0.7 cm and it weighs 5.8 g. The stem measures 1.4 cm x 2.1 cm and comprises about 56% of the total length of the specimen. The raw material is heat-treated Burlington chert, which is found locally. Microscopic



examination revealed no evidence of use-wear. This specimen most closely resembles the Stone Corner Notched type, which is associated with the Late Archaic Period.

Artifact 1-22 is a bifacial knife proximal. It is an expanding stem specimen with a missing tip, a damaged blade, corner notches, damaged shoulders and a convex base. The cross section is biconvex with no edge abrading and no beveling. Maximum dimensions are 3.1 cm x 3.0 cm x 0.8 cm and it weighs 9.0 g. The stem measures 1.4 cm x 2.7 cm and comprises about 45% of the total length of the specimen. The raw material is heat-



treated Burlington chert, which is found locally. Microscopic examination revealed wear resulting from cutting meat with bone contact. This specimen most closely resembles the Big Creek type, which is associated with the Late Archaic Period.

Artifact 1-23 is a bifacial knife proximal. It is an expanding stem specimen with a missing tip, an excurvate blade, side notches, sloping shoulders and a damaged base. The cross section is biconvex with no edge abrading and no beveling. Maximum dimensions are 3.5 cm x 2.6 cm x 0.8 cm and it weighs 6.3 g. The

stem is 1.2 cm long and comprises about 34% of the total length of the specimen. The raw material is heat-treated Burlington chert, which is found locally. Microscopic examination revealed wear resulting from cutting meat without bone contact. This specimen is resharpened and most closely resembles the Hanna type, which is associated with the Late Archaic Period. There is a potlid fracture on one face and some heat damage on the edges.

Artifact 1-24 is a biface stem. It is an expanding stem specimen with a missing tip and blade, corner notches, missing shoulders and a straight base. The cross section is biconvex with no edge abrading and no beveling. Maximum dimensions are 2.4 cm x 2.3 cm x 0.5 cm and it weighs 3.2 g. The stem measures 1.0 cm x 1.4 cm and comprises about 42% of the total length of the specimen. The raw material is heat-treated Burlington chert, which is found locally. Microscopic examination revealed no evidence of use-wear. This specimen most closely resembles the Kings Corner Notched type, which is associated with the Terminal Archaic through Middle Woodland periods.

Artifact 1-25 is an arrow point midsection. It has a missing tip, a damaged blade, corner notches, barbed shoulders and a missing stem and base. The cross section is biconvex with no edge abrading and no beveling. Maximum dimensions are $3.1 \text{ cm} \times 1.8 \text{ cm} \times 0.5 \text{ cm}$ and it weighs 3.5 g. The raw material is heat-treated Burlington chert, which is found locally. Microscopic examination revealed no evidence of use-wear. This specimen is an unclassified type that may be an early arrow point associated with the Woodland Period.

Artifact 1-26 is a bifacial knife proximal. It is an expanding stem specimen with a missing tip and blade, corner notches, barbed shoulders and a damaged base. The cross section is biconvex with no edge abrading and no beveling. Maximum dimensions are 3.6 cm x 2.0 cm x 0.7 cm and it weighs 4.4 g. The stem is 1.2 cm long and comprises 33% of the total length of the specimen. The raw material is heat-treated Burlington chert, which is found locally. Microscopic examination revealed wear resulting from cutting meat with bone contact. This specimen most closely resembles the Big Creek type, which is associated with the Late Archaic Period. The biface broke due to inclusion of a brizoan fossil in the chert.

Artifact 1-27 is a bifacial drill midsection. It is an unstemmed specimen with a missing tip, a straight blade, no notches, no shoulders and a missing base. The cross section is plano-convex with no edge abrading and unifacial beveling. Maximum dimensions are 1.5 cm x 0.7 cm x 0.3 cm and it weighs 0.4 g. The raw material is heat-treated Burlington chert, which is found locally. Microscopic examination revealed wear resulting from perforating. This specimen is an unclassified type that may be associated with the Woodland Period.

Artifact 1-28 is a stemmed biface proximal. It is a parallel stem corner removed specimen with a missing tip and blade, sloping shoulders and a concave base. The cross section is biconvex with edge abrading on the stem and no beveling. Maximum

dimensions are $2.4 \text{ cm} \times 2.6 \text{ cm} \times 0.6 \text{ cm}$ and it weighs 4.0 g. The stem is 1.4 cm long and comprises about 58% of the total length of the specimen. The raw material is heat-treated Burlington chert, which is found locally. Microscopic examination revealed no evidence of use-wear. This specimen most closely resembles the Duncan type, which is associated with the Late Archaic Period.

Artifact 1-29 is a stemmed biface. It is an expanding stem corner removed specimen with a missing tip and blade, sloping shoulders and a concave base. The cross section is biconvex with edge abrading on the stem and no beveling. Maximum dimensions are 2.4 cm x 2.3 cm x 0.7 cm and it weighs 4.2 g. The stem measures 1.2 cm x 2.2 cm and comprises 50% of the total length of the specimen. The raw material is heat-treated Burlington chert, which is found locally. Microscopic examination revealed no evidence of use-wear. This specimen most closely resembles the Hanna type, which is associated with the Late Archaic Period.

Artifact 1-30 is a stemmed biface proximal. It is an expanding stem specimen with a missing tip and blade, side notches, sloping shoulders and a concave base. The cross section is biconvex with edge abrading on the stem but no beveling. Maximum dimensions are 2.1 cm x 2.1 cm x 0.8 cm and it weighs 3.9 g. The stem measures 1.1 cm x 1.9 cm and comprises about 52% of the total length of the specimen. The raw material is heat-treated Burlington chert, which is found locally. Microscopic examination revealed no evidence of use-wear. This specimen most closely resembles the Hanna type, which is associated with the Late Archaic Period.

Artifact 1-31 is a bifacial knife midsection. It has a missing tip, an excurvate blade, basal notches, barbed shoulders and a missing stem and base. The cross section is biconvex with no edge abrading and no beveling. Maximum dimensions are $3.4 \text{ cm} \times 2.8 \text{ cm} \times 0.6 \text{ cm}$ and it weighs 6.7 g. The raw material is Burlington chert, which is found locally. Microscopic examination revealed wear resulting from cutting meat without bone contact. This specimen is resharpened and most closely resembles the Calf Creek type, which is associated with the Middle Archaic Period. This specimen is broken lengthwise and above and below shoulder and consists of one barb, a small section of blade edge and a small portion of one side of the stem. It may have broken due to fossil crinoid sections in the center of the blade.

23PO360

23PO360 is a prehistoric habitation exhibiting evidence of Middle to Late Archaic and Middle to Late Woodland Period occupations. It was recorded in 1984 by Prewitt and Associates investigators and visited by Howard Wimmer in 1989 when he collected 51 artifacts weighing 2,208.4 g. These included 1 flat abrader (986.0 g), 1 abrader, grooved (428.9 g), 1 arrow point (2.8 g), 4 biface fragments (22.8 g), 3 stemmed biface fragments (18.7 g), 1 dart point (7.1 g), 2 bifacial drill fragments (13.1 g), 7 bifacial knife fragments (42.9 g), 7 bifacial knives (63.2 g), 1 knife/scraper fragment (26.7 g), 19 preform

fragments (501.7 g), 1 preform (7.1 g), 1 projectile point/knife fragment (5.1 g), 1 projectile point/knife (11.3 g) and 1 flake scraper (71.0 g).

Artifact 1-3 is a bifacial knife recovered from Surface Area B. It is an expanding stem specimen with a missing tip, a damaged blade, corner notches, barbed shoulders and a damaged base. The cross section is biconvex with no edge abrading and no beveling. Maximum dimensions are 4.1 cm x 2.3 cm x 0.6 cm and it weighs 6.2 g. The stem is 1.0 cm long and comprises about 24% of the total length of the specimen. The raw material is Burlington chert, which is found locally. Microscopic examination revealed wear resulting from cutting meat with bone contact. This specimen most closely resembles the Kings Corner Notched type, which is associated with the Late Archaic Period.





Artifact 1-4 is a dart point recovered from Surface Area B. It is a parallel stem specimen with a missing tip, a damaged blade, corner removed sloping shoulders and a straight base. The cross section is biconvex with edge abrading on the base and stem and no beveling. The tip has been carried away by an impact fracture. Maximum dimensions are 4.6 cm x 2.3 cm x 0.8 cm and it weighs 7.1 g. The stem measures 1.4 cm x 1.5 cm and comprises about 30% of the total length of the specimen. The raw material is heat-treated Pierson chert, which is abundant in the Branson area and may be exposed in limited areas locally. Microscopic examination revealed no evidence of use-wear. This specimen most closely resembles the Table Rock Stemmed type, which is associated with the Late Archaic Period.

Artifact 1-6 is a flake scraper recovered from Surface Area B. Maximum dimensions are $7.0 \text{ cm} \times 6.0 \text{ cm} \times 1.6 \text{ cm}$ and it weighs 71.0 g. The raw material is an unidentified medium and dark gray chert (Sedalia). Microscopic examination revealed wear resulting from scraping wet hide. This is a large decortication flake that has been unifacially beveled to form a scraping edge. The shape is typical of Woodland scrapers.

Artifact 1-7 is a bifacial knife recovered from Surface Area B. It is an expanding stem specimen with a pointed tip, a recurved blade, corner removed barbed shoulders and a damaged base. The cross section is biconvex with no edge abrading and no beveling. Maximum dimensions are 6.6 cm x 2.6 cm x 0.7 cm and it weighs 10.2 g. The stem is 1.2 cm long and comprises about 18% of the total length of the specimen. The raw material is heat-treated Burlington chert, which is found locally. Microscopic examination revealed wear resulting from cutting meat with bone contact. This specimen most closely resembles the Kings Corner Notched type, which is associated with the Late Archaic Period.

Artifact 1-8 is a bifacial knife distal recovered from Surface Area B. It is an missing stem specimen with a pointed tip, a recurved blade, corner notches, sloping shoulders and a missing base. The cross section is biconvex with no edge abrading and no beveling. Maximum dimensions are 4.4 cm x 1.8 cm x 0.6 cm and it weighs 4.2 g. The raw material is heat-treated Burlington chert, which is found locally. Microscopic examination revealed wear resulting from cutting meat with bone contact. This specimen is resharpened and is an unclassified type not associated with a specific cultural period.



Artifact 1-9 is a bifacial knife recovered from Surface Area B. It is an expanding stem specimen with a missing tip, an asymmetrical blade, corner notches, square shoulders and a convex base. The cross section is biconvex with edge abrading on the stem and no beveling. Maximum dimensions are 4.8 cm x 3.0 cm x 0.8 cm and it weighs 11.0 g. The stem measures 1.4 cm x 2.7 cm and comprises about 29% of the total length of the specimen. The raw material is Burlington chert, which is found locally. Microscopic examination revealed wear resulting from cutting meat with bone contact. This specimen is resharpened and most closely resembles the Big Creek type, which is associated with the Late Archaic Period.



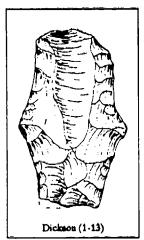
Artifact 1-10 is a bifacial knife proximal recovered from Surface Area B. It is an expanding stem specimen with a missing tip, a damaged blade, corner notches, barbed shoulders and a straight base. The cross section is biconvex with no edge abrading and no beveling. Maximum dimensions are 3.8 cm x 3.9 cm x 0.8 cm and it weighs 11.3 g. The stem measures 1.3 cm x 2.7 cm and comprises about 4% of the total length of the specimen. The raw material is heat-treated Burlington chert, which is found locally. Microscopic examination revealed wear resulting from cutting meat with bone contact. This specimen most closely

resembles the Stone Corner Notched type, which is associated with the Late Archaic Period.

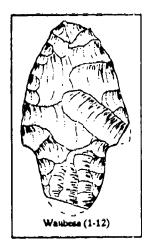
Artifact 1-11 is a bifacial knife midsection recovered from Surface Area B. It is an missing stem specimen with a missing tip, a damaged blade, basal notches, barbed shoulders and a missing base. The cross section is biconvex with no edge abrading and no beveling. Maximum dimensions are 2.7 cm x 2.8 cm x 0.4 cm and it weighs 3.4 g. The raw material is heat-treated Burlington chert, which is found locally. Microscopic examination revealed wear resulting from cutting meat with bone contact. This specimen is an unclassified type that may be associated with the Woodland Period.

Artifact 1-12 is a bifacial knife recovered from Surface Area B. It is a contracting stem specimen with a missing tip, an excurvate blade, no notches, sloping shoulders and a

convex base. The cross section is biconvex with no edge abrading and no beveling. Maximum dimensions are $5.0 \text{ cm } \times 2.8 \text{ cm } \times 0.7 \text{ cm}$ and it weighs 9.4 g. The stem measures $1.7 \text{ cm } \times 1.8 \text{ cm}$ and comprises about 34% of the total length of the specimen. The raw material is heat-treated Burlington chert, which is found locally. Microscopic examination revealed wear resulting from cutting meat with bone contact. This specimen most closely resembles the Waubesa type, which is associated with the Woodland Period.



Artifact 1-13 is a projectile point/knife recovered from Surface Area B. It is a contracting stem specimen with a missing tip, an incurvate blade, no notches,



sloping shoulders and a concave base. The cross section is biconvex with edge abrading on the stem and no beveling. The tip has been carried away by an impact fracture. Maximum dimensions are 4.9 cm x 2.9 cm x 0.7 cm and it weighs 11.3 g. The stem measures 2.0 cm x 2.4 cm and comprises about 41% of the total length of the specimen. The raw material is heat-treated Burlington chert, which is found locally. Microscopic examination revealed wear resulting from cutting meat with bone contact. This specimen is exhausted and most closely resembles the Dickson

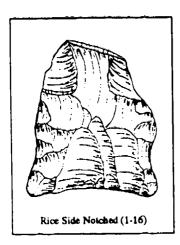
type, which is associated with the Woodland Period. This originally was a broad bladed Dickson point. It was resharpened much, removing most of the shoulders. After the size was reduced greatly, it was used as a dart point, as evidences by impact fractures on both faces.

Artifact 1-14 is a stemmed biface proximal recovered from Surface Area B. It is a contracting stem specimen with a missing tip, a damaged blade, no notches, damaged shoulders and a concave base. The cross section is biconvex with edge abrading on the stem and no beveling. Maximum dimensions are 4.2 cm x 2.4 cm x 0.6 cm and it weighs 6.5 g. The stem measures 1.8 cm x 2.1 cm and comprises about 43% of the total length of the specimen. The raw material is heat-treated Burlington chert, which is found locally. Microscopic examination revealed no evidence of use-wear. This specimen is exhausted and most closely resembles the Dickson type, which is associated with the Woodland Period.

Artifact 1-15 is a stemmed biface proximal recovered from Surface Area B. It is a contracting stem specimen with a missing tip, a damaged blade, no notches, sloping shoulders and a straight base. The cross section is biconvex with edge abrading on the stem and no beveling. Maximum dimensions are 3.1 cm x 2.7 cm x 0.7 cm and it weighs 5.7 g. The stem measures 1.4 cm x 1.9 cm and comprises about 45% of the total length of the specimen. The raw material is heat-treated Builington chert, which is found



locally. Microscopic examination revealed no evidence of use-wear. This specimen most closely resembles the Langtry type, which is associated with the Late Archaic through Woodland periods.



Artifact 1-16 is a bifacial knife recovered from Surface Area B. It is an expanding stem specimen with a missing tip, a damaged blade, side notches, no shoulders and a concave base. The cross section is biconvex with edge abrading on the stem and no beveling. Maximum dimensions are 3.9 cm x 3.5 cm x 0.9 cm and it weighs 2.9 g. The stem measures 1.5 cm x 3.4 cm and comprises about 38% of the total length of the specimen. The raw material is heat-treated Burlington chert, which is found locally. Microscopic examination revealed no evidence of use-wear. This specimen is exhausted and most closely resembles the Rice Side Notched type, which is associated with the Woodland Period.

Artifact 1-17 is a stemmed biface proximal recovered from Surface Area B. It is an expanding stem specimen with a missing tip and blade, side notches, sloping shoulders and a straight base. The cross section is biconvex with no edge abrading and no beveling. Maximum dimensions are 2.5 cm x 2.6 cm x 0.8 cm and it weighs 6.5 g. The stem measures 1.3 cm x 2.7 cm and comprises about 52% of the total length of the specimen. The raw material is heat-treated Jefferson City chert, which is found locally in the deeper valleys. Microscopic examination revealed no evidence of use-wear. This specimen is resharpened and most closely resembles the Rice Side Notched type, which is associated with the Woodland Period.

Artifact 1-18 is a bifacial drill proximal recovered from Surface Area B. It is an unstemmed specimen with a missing tip, no notches, no shoulders and a convex base. The blade is parallel-edged at the break and expands to a convex base below it. The cross section is diamond-shaped with no edge abrading and no beveling. Maximum dimensions are 3.8 cm x 3.1 cm x 0.8 cm and it weighs 8.9 g. The raw material is heat-treated Burlington chert, which is found locally. Microscopic examination revealed wear resulting from perforating. This specimen is an unclassified type that may be associated with the Woodland Period.

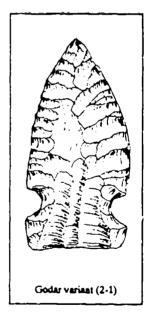


Artifacts cataloged as 1-20 include two bifacial knife midsections recovered from Surface Area B. They are unstemmed specimens with missing tips, damaged blades, no notches, no shoulders and a missing bases. The cross sections are irregular with no edge abrading and no beveling. Together, they weigh 17.3 g. The raw material is heat-treated Burlington chert, which is found locally. Microscopic examination revealed wear resulting

from cutting meat with bone contact. These specimens are an unclassified type not associated with a specific cultural period.

Artifact 1-21 is a projectile point/knife tip recovered from Surface Area B. It has a missing tip, a damaged blade, no notches, no shoulders and a missing stem and base. The cross section is biconvex with no edge abrading and no beveling. The tip has been carried away by an impact fracture. Maximum dimensions are $3.3 \, \text{cm} \times 1.9 \, \text{cm} \times 0.8 \, \text{cm}$ and it weighs 5.1 g. The raw material is heat-treated Burlington chert, which is found locally. Microscopic examination revealed wear resulting from cutting meat with bone contact. This is an unclassified specimen, which is not associated with a specific cultural period.

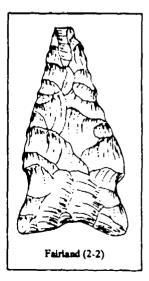
Artifact 1-22 is a bifacial knife/scraper distal recovered from Surface Area B. It is an unstemmed specimen with a missing tip, a damaged blade, no notches, no shoulders and a missing base. The cross section is plano-convex with no edge abrading and no beveling. Maximum dimensions are 6.8 cm x 4.5 cm x 0.9 cm and it weighs 26.7 g. The raw material is Jefferson City chert, which is found locally in the deeper valleys. Microscopic examination revealed wear resulting from cutting meat with bone contact and from scraping wet hide. This specimen is an unclassified type not associated with a specific cultural period.



Artifact 2-1 is a bifacial knife recovered from Surface Area A. It is an expanding stem specimen with a pointed tip, an excurvate blade, side notches, square shoulders and a straight base. The cross section is biconvex with edge abrading on the base and stem and no beveling. Maximum dimensions are 5.5 cm x 2.7 cm x 0.8 cm and it weighs 12.3 g. The stem measures 1.3 cm x 2.6 cm and comprises about 24% of the total length of the specimen. The raw material is Jefferson City chert, which is found locally in the deeper valleys. Microscopic examination revealed wear resulting from cutting meat with bone contact. This biface resembles both the Middle Archaic White River and the Late Archaic Godar.

However, the base is not concave as in the White River. The resharpening style is typical of the Late Archaic (sloping downward). The specimen seems to be an early example of the Godar type.

Artifact 2-2 is a bifacial knife recovered from Surface Area A. It is an expanding stem specimen with a pointed tip, a straight blade, side notches, sloping shoulders and a concave base. The cross section is biconvex with edge abrading on the stem and no beveling. Maximum dimensions are 5.4 cm x 2.8 cm x 0.8 cm and it weighs 11.2 g. The stem measures 1.6 cm x 2.8 cm and comprises about 30% of the total length of the specimen. The raw material is heat-treated Burlington chert, which is found locally.



Microscopic examination revealed wear resulting from cutting meat with bone contact. This specimen is resharpened and most closely resembles the Fairland type, which is associated with the Late Archaic Period.



Artifact 2-3 is an arrow point recovered from Surface Area A. It is an expanding stem specimen with a missing tip, a straight blade, side notches, square shoulders and a damaged base. The cross section is biconvex with no edge abrading and no beveling. The tip has been carried away by an impact fracture. Maximum dimensions are 3.2 cm x 1.7 cm x 0.6 cm and it weighs 2.8 g. The stem is 0.9 cm long and comprises about 28% of the total length of the specimen. The raw material is heat-treated Burlington chert, which is found locally. Microscopic examination revealed no evidence of use-wear. This specimen most closely resembles the Koster type, which is associated with the Late Woodland Period.

Artifacts cataloged as 2-5 include two bifacial knife midsections recovered from Surface Area A. They are unstemmed specimens with missing tips, damaged blades, no notches, no shoulders and missing bases. The cross sections are irregular with no edge abrading and no beveling. Together, they weigh 6.7 g. The raw materials are Jefferson City and heat-treated Burlington chert, both of which are found locally. Microscopic examination revealed wear resulting from cutting meat with bone contact. These specimens are an unclassified type not associated with a specific cultural period.

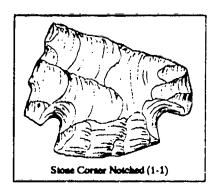
Artifact 2-6 is a bifacial drill proximal recovered from Surface Area A. It is an expanding stem specimen with a missing tip and blade, no notches, no shoulders and a convex base. The cross section is biconvex with edge abrading on the base and no beveling. Maximum dimensions are 2.1 cm x 2.6 cm x 0.7 cm and it weighs 4.2 g. The stem measures 2.1 cm x 2.6 cm and comprises about 100% of the total length of the specimen. The raw material is Jefferson City chert, which is found locally in the deeper valleys. Microscopic examination revealed no evidence of use-wear. This specimen is an unclassified type that may be associated with the Woodland Period.

23PO361

23PO361 is a prehistoric habitation exhibiting evidence of Late Archaic and Early to Late Woodland Period occupations. It was recorded in 1984 by Prewitt and Associates investigators and visited by Howard Wimmer in 1989 when he collected 16 artifacts weighing 442.3 g. These included 1 flat abrader (275.5 g), 1 arrow point (0.2 g), 2 stemmed biface fragment (7.1 g), 4 bifacial knife fragments (32.5 g), 1 bifacial knife (3.6 g) and 7 preform fragments (123.4 g).

Artifact 1-1 is a bifacial knife proximal. It is an expanding stem specimen with a missing tip, a damaged blade, corner notches, barbed shoulders and a convex base. The cross section is biconvex with no edge abrading and no beveling. Maximum dimensions

are 3.4 cm x 4.3 cm x 0.7 cm and it weighs 10.5 g. The stem measures 1.1 cm x 2.8 cm and comprises about 32% of the total length of the specimen. The raw material is Keokuk chert, which is abundant further south but may be available locally in highly restricted areas. Microscopic examination revealed wear resulting from cutting meat with bone contact. This specimen is a variant of the Stone Corner Notched type, which is associated with the Late Archaic Period.



Artifact 1-2 is a bifacial knife proximal It is an expanding stem specimen with a missing tip, a damaged blade, corner notches, barbed shoulders and a convex base. The cross section is biconvex with no edge abrading and no beveling. Maximum dimensions are 4.2 cm x 3.6 cm x 0.9 cm and it weighs 15.3 g. The stem measures 2.6 cm x 3.0 cm and comprises about 62% of the total length of the specimen. The raw material is an unidentified chert that is not found locally. Microscopic examination revealed wear resulting from cutting meat with bone contact. This specimen most closely resembles the Big Creek type, which is associated with the Late Archaic Period.



Artifact 1-3 is a bifacial knife. It is an expanding stem specimen with a pointed tip, an excurvate blade, corner notches, barbed shoulders and a convex base. The cross section is biconvex with no edge abrading and no beveling. Maximum dimensions are 2.7 cm x 2.4 cm x 0.6 cm and it weighs 3.6 g. The stem measures 0.7 cm x 2.0 cm and comprises about 26% of the total length of the specimen. The raw material is heat-treated Burlington chert, which is found locally. Microscopic examination revealed no evidence of use-wear. This specimen is an unclassified type, which is associated with the Woodland Period.

Artifact 1-4 is a stemmed biface proximal. It is a contracting stem specimen with a missing tip and blade, no notches, sloping shoulders and a missing base. The cross section is biconvex with no edge abrading and no beveling. Maximum dimensions are 3.4 cm x 2.7 cm x 0.5 cm and it weighs 5.7 g. The stem measures 2.0 cm x 2.0 cm and comprises about 59% of the total length of the specimen. The raw material is heat-treated Burlington chert, which is found locally. Microscopic examination revealed no evidence of use-wear. This specimen most closely resembles the Langtry type, which is associated with the Late Archaic through Woodland periods.



Artifact 1-5 is an arrow point. It is an expanding stem specimen with a missing tip, a damaged blade, side notches, square shoulders and a convex base. The cross section is biconvex with no edge abrading and no beveling. Maximum dimensions are 1.3 cm x 0.9



cm x 0.2 cm and it weighs 0.2 g. The stem measures 0.5 cm x 0.9 cm and comprises about 38% of the total length of the specimen. The raw material is Jefferson City chert, which is found locally in the deeper valleys. Microscopic examination revealed no evidence of use-wear. This specimen most closely resembles the Keota type, which is associated with the Mississippi Period.

Artifact 1-6 is a stemmed biface proximal. It is an expanding stem corner removed specimen with a missing tip and blade, missing shoulders and a straight base. The cross section is biconvex with edge abrading on the stem and no beveling. Maximum dimensions are 1.9 cm x 1.4 cm x 0.5 cm and it weighs 1.4 g. The stem measures 0.9 cm x 1.4 cm and comprises about 47% of the total length of the specimen. The raw material is heat-treated Burlington chert, which is found locally. Microscopic examination revealed no evidence of use-wear. This specimen is a variant of the Table Rock Stemmed type, which is associated with the Late Archaic Period.

Artifacts cataloged as 1-7 include two bifacial knife midsections. These are unstemmed specimens with missing tips, damaged blades, no notches, no shoulders and missing bases. The cross sections are irregular with no edge abrading and no beveling. Together, they weigh 6.7 g. The raw material is heat-treated Burlington chert, which is found locally. Microscopic examination revealed wear resulting from cutting meat with bone contact. These specimens are of an unclassified type not associated with a specific cultural period.

23PO366

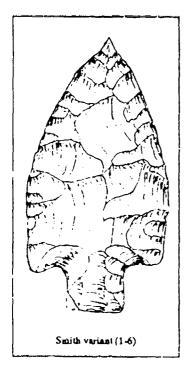
23PO366 is a prehistoric and historic habitation exhibiting evidence of Middle to Late Archaic, Middle to Late Woodland, Mississippi and Historic Period occupations. It was recorded in 1984 by Prewitt and Associates investigators and visited by Howard Wimmer that same year when he collected 63 artifacts weighing 1,790.7 g. These included 1 flat abrader (547.6 g), 1 adze (109.9 g), 4 arrow point fragments (2.2 g), 2 arrow points (1.0 g), 4 biface fragments (19.0 g), 4 stemmed biface fragments (9.7 g), 1 tested cobble (64.0 g), 1 core (131.5 g), 1 dart point fragment (2.0 g), 11 bifacial knife fragments (101.5 g), 10 bifacial knives (206.3 g), 1 square nail (9.3 g), 17 preform fragments (308.3 g), 2 preform s(186.1 g), 1 aborted preform fragment (66.3 g), 1 projectile point/knife (19.0 g) and 1 bifacial end scraper fragment (7.0 g).

Artifact 1-1 is a bifacial. It is an expanding stem corner removed specimen with a missing tip, a damaged blade, square shoulders and a convex base. The cross section is biconvex with no edge abrading and no beveling. Maximum dimensions are 5.4 cm x 3.1 cm x 0.7 cm and it weighs 11.5 g. The stem measures 1.5 cm x 2.3 cm and comprises about 28% of the total length of the specimen. The raw material is heat-treated Burlington chert, which is found locally. Microscopic examination revealed wear resulting from cutting meat with bone contact. This specimen is an unclassified type not associated with a specific cultural period. This biface resembles the Hardin point in shape, but does not have the typical workmanship and stem grinding.

Artifact 1-2 is a bifacial knife. It is a contracting stem corner removed specimen with a pointed tip, a recurved blade, sloping shoulders and a straight base. The cross section is biconvex with edge abrading on the stem and no beveling. Maximum dimensions are 5.7 cm x 2.9 cm x 0.5 cm and it weighs 7.6 g. The stem measures 1.5 cm x 2.1 cm and comprises about 26% of the total length of the specimen. The raw material is heat-treated Burlington chert, which is found locally. Microscopic examination revealed wear resulting from cutting meat with bone contact. This specimen is resharpened and most closely resembles the Langtry type, which is associated with the Late Archaic through Woodland periods.



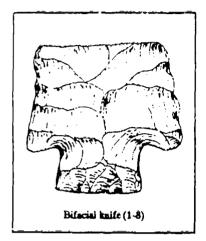
Artifacts cataloged as 1-4 include seven bifa al knife midsections. These are unstemmed specimens with missing tips, damaged blades, no notches, no shoulders and missing bases. The cross sections are irregular with no edge abrading and no beveling. Together, they weigh 65.5 g. The raw materials include Jefferson City and heat-treated Burlington cherts, which are found locally. Microscopic examination revealed wear resulting from cutting meat with bone contact. These are of an unclassified type not iated with a specific cultural period.



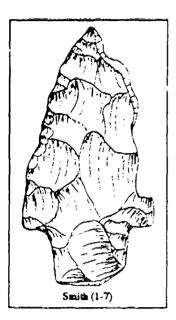
Artifact 1-6 is a bifacial knife. It is a parallel stem specimen with a pointed tip, an excurvate blade, corner removed barbed shoulders and a convex base. The cross section is irregular with no edge abrading and beveling on the left edge of the blade. Maximum dimensions are 7.2 cm x 3.7 cm x 0.7 cm and it weighs 20.8 g. The stem measures 1.3 cm x 1.6 cm and comprises about 18% of the total length of the specimer. The raw material is heat-treated Burlington chert, which is found locally. Microscopic examination revealed wear resulting from cutting meat with bone contact. This specimen is a variant of the Smith type, which is associated with the Late Archaic Period. The stem is smaller and narrower than is typical for the type and a left bevel on the blade, possibly due to being made from a thick and crooked flake, is unusual for. It may also be a reworked Big Creek point with tangs damaged and reworked to a parallel stemmed biface since the blade is suggestive of those found on Big Creek points.

Artifact 1-7 is a projectile point/knife. It is a parallel stem corner removed specimen with a missing tip, a damaged blade, square shoulders and a damaged base. The cross section is biconvex with edge abrading on the stem and no beveling. The tip and one

edge have been carried away by an impact fracture. Maximum dimensions are 6.5 cm x 3.4 cm x 0.9 cm and it weighs 19.0 g. The raw material is Burtington chert, which is found locally. Microscopic examination revealed wear resulting from cutting meat with bone contact and from sawing bone or antler. This specimen is resharpened and most closely resembles the Smith type, which is associated with the Late Archaic Period. It probably was used as a dart point after resharpening reduced it in size.



Artifact 1-8 is a bifacial knife. It is an expanding stem corner removed specimen with a missing tip, a damaged blade, barbed shoulders and a straight base. The cross section is



biconvex with edge abrading on the stem and no beveling. Maximum dimensions are 3.9 cm x 4.1 cm x 0.5 cm and it weighs 8.9 g. The stem measures 1.2 cm x 2.4 cm and comprises about 31% of the total length of the specimen. The raw material is heat-treated Burlington chert, which is found locally. Microscopic examination revealed wear

resulting from cutting meat without bone contact. This specimen is an unclassified type, which is associated with the Late Archaic Period.

Artifact 1-9 is a bifacial knife. It is an expanding stem corner removed specimen with a missing tip, a damaged blade, barbed shoulders and a straight base. The cross section is biconvex with edge abrading on the base and no beveling. Maximum dimensions are 5.8 cm x 3.5 cm x 1.0 cm and it weighs 20.1 g. The stem measures 1.0 cm x 2.2 cm and congrises about 17% of the total length of the specimen. The raw material is heat-treated Jefferson City quartzite, which is found locally in the deeper valleys.

Microscopic examination revealed wear resulting from cutting meat with bone contact. This specimen is resharpened and is an unclassified type probably associated with the Middle Archaic Period.

Artifact 1-10 is a bifacial knife. It is an expanding stem corner removed specimen with a pointed tip, an asymmetrical blade, square shoulders and a straight base. The cross section is biconvex with edge abrading on the stem and no beveling. Maximum dimensions are 5.1 cm x 2.2 cm x 0.7 cm and it weighs 7.6 g. The stem measures 1.0 cm x 2.1 cm and comprises about 20% of the total length of the specimen. The raw material is heat-treated Burlington chert, which is found locally. Microscopic examination revealed wear resulting from cutting meat without bone contact. This specimen is resharpened and most closely resembles the Steuben type, which is associated with the Woodland Period.



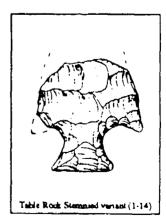
Artifact 1-11 is a bifacial knife proximal. It is an expanding stem specimen with a missing tip, a damaged blade, corner removed barbed shoulders and a convex base. The cross section is biconvex with no edge abrading and no beveling. Maximum dimensions are 3.8 cm x 3.4 cm x 0.8 cm and it weighs 11.3 g. The stem measures 1.4 cm x 2.4 cm and comprises about 37% of the total length of the specimen. The raw material is Burlington chert, which is found locally. Microscopic examination revealed wear resulting from cutting meat with bone contact. This specimen most closely resembles the Stone Corner Notched type, which is associated with the Late Archaic Period.



Artifact 1-12 is a bifacial knife. It is an expanding stem corner removed specimen with a missing tip, a damaged blade, barbed shoulders and a damaged base. The cross section is biconvex with no edge abrading and no beveling. Maximum dimensions are 3.3 cm x 2.1 cm x 0.6 cm and it weighs 4.6 g. The stem is 0.9 cm long and comprises about 27% of the total length of the specimen. The raw material is heat-treated Burlington chert, which is found locally. Microscopic examination revealed wear resulting from cutting meat with bone contact. This specimen is resharpened and most closely resembles the Kings Corner Notched type, which is associated with the Late Archaic Period.

Artifact 1-13 is a dart point proximal. It is an expanding stern corner removed specimen with a missing tip, a damaged blade, square shoulders and a straight base. The cross section is biconvex with edge abrading on the stem and no beveling. The tip has been carried away by an impact fracture. Maximum dimensions are 2.0 cm x 2.2 cm x 0.5 cm and it weighs 2.0 g. The stem measures 0.8 cm x 1.2 cm and comprises about 40% of the total length of the specimen. The raw material is heat-treated Burlington chert, which is found locally. Microscopic examination revealed no evidence of use-wear. This specimen is exhausted and is a variant of the Table Rock Stemmed type, which is associated with the Late Archaic Period.

Artifact 1-14 is a bifacial knife proximal. It is an expanding stem corner removed specimen with a missing tip and blade, square shoulders and a straight base. The cross section is biconvex with edge abrading on the stem and no beveling. Maximum dimensions are 2.9 cm x 2.7 cm x 0.7 cm and it weighs 5.5 g. The stem measures 1.0 cm x 1.4 cm and comprises about 34% of the total length of the specimen. The raw material is heat-treated Burlington chert, which is found locally. Microscopic examination revealed wear resulting from cutting meat with bone contact. This specimen is a variant of the Table Rock Stemmed type, which is associated with the Late Archaic Period.



Artifact 1-15 is a stemmed biface proximal. It is an expanding stem corner removed specimen with a missing tip and blade, square shoulders and a damaged base. The cross section is biconvex with edge abrading on the stem and no beveling. Maximum dimensions are 1.8 cm x 1.9 cm x 0.6 cm and it weighs 2.9 g. The stem measures 0.9 cm x 1.2 cm and comprises about 50% of the total length of the specimen. The raw material is heat-treated Burlington chert, which is found locally. Microscopic examination revealed no evidence of use-wear. This specimen is a variant of the Table Rock Stemmed type, which is associated with the Late Archaic Period.

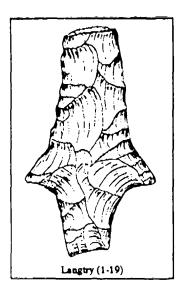
Artifact 1-16 is a bifacial knife. It is a contracting stem corner removed specimen with a missing tip, a damaged blade, sloping shoulders and a straight base. The cross section is biconvex with no edge abrading and no beveling. Maximum dimensions are 3.4 cm x 3.1 cm x 0.6 cm and it weighs 6.6 g. The stem measures 1.6 cm x 2.0 cm and comprises about 47% of the total length of the specimen. The raw material is heat-treated Burlington chert, which is found locally. Microscopic examination revealed wear resulting from cutting meat without bone contact. This specimen is resharpened and most closely resembles the Langtry type, which is associated with the Late Archaic through Woodland periods.



Artifact 1-17 is a bifacial knife proximal. It is a contracting corner removed stem specimen with a missing tip, a damaged blade, sloping shoulders and a concave base. The cross section is biconvex with edge abrading on the stem and no beveling. Maximum dimensions are 3.0 cm x 3.2 cm x 0.8 cm and it weighs 6.6 g. The stem measures 1.5 cm x 1.9 cm and comprises about 50% of the total length of the specimen. The raw material is heat-treated Burlington chert, which is found locally. Microscopic examination revealed wear resulting from cutting meat with bone contact. This specimen most closely resembles the Langtry type, which is associated with the Late Archaic through Woodland periods.

Artifact 1-18 is a bifacial knife. It is a contracting stem corner removed specimen with a missing tip, a damaged blade, square shoulders and a straight base. The cross section is biconvex with no edge abrading and no beveling. Maximum dimensions are 3.9 cm x 3.3 cm x 0.6 cm and it weighs 8.9 g. The stem measures 1.7 cm x 2.1 cm and comprises about 44% of the total length of the specimen. The raw material is Jefferson City chert, which is found locally in the deeper valleys. Microscopic examination revealed wear resulting from cutting meat without bone contact. This specimen most closely resembles the Dickson type, which is associated with the Woodland Period.





Artifact 1-19 is a bifacial knife proximal. It is a contracting stem corner removed specimen with a missing tip, an incurvate blade, sloping shoulders and a straight base. The cross section is diamond-shaped with edge abrading on the stem and no beveling. Maximum dimensions are 5.9 cm x 3.6 cm x 0.9 cm and it weighs 12.6 g. The stem measures 1.7 cm x 1.8 cm and comprises about 29% of the total length of the specimen. The raw material is heat-treated Burlington chert, which is found locally. Microscopic examination revealed wear resulting from cutting meat with bone contact. This specimen most closely resembles the Langtry type, which is associated with the Late Archaic through Woodland periods.

Artifact 1-20 is an arrow point. It is an expanding stem specimen with a pointed tip, a straight blade, side notches, sloping shoulders and a convex base. The cross section is diamond-shaped with no edge abrading and no beveling. Maximum dimensions are 2.4 cm x 1.0 cm x 0.4 cm and it weighs 0.5 g. The stem measures 0.6 cm x 0.8 cm and comprises about 25% of the total length of the specimen. The raw material is heat-treated Burlington chert, which is found locally. Microscopic examination revealed no evidence of use-wear. This specimen most closely resembles the Scallorn type, which is associated with the Late Woodland through Mississippi periods.



Artifact 1-21 is an arrow point. It is an expanding stem specimen with a missing tip, a damaged blade, corner notches, barbed shoulders and a convex base. The cross section is biconvex with no edge abrading and no beveling. The tip has been carried away by an impact fracture. Maximum dimensions are 1.9 cm x 1.1 cm x 0.4 cm and it weighs 0.5 g. The stem measures 0.6 cm x 0.9 cm and comprises about 32% of the total length of the specimen. The raw material is heat-treated Burlington chert, which is found locally. Microscopic examination revealed no evidence of use-wear. This specimen is exhausted and most closely resembles the Scallorn type, which is associated with the Late Woodland through Mississippi periods.



Artifact 1-22 is an arrow point proximal. It is an expanding stem specimen with a missing tip, a serrated blade, corner removed square shoulders and a convex base. The cross section is biconvex with no edge abrading and no beveling. Maximum dimensions are $1.8 \text{ cm} \times 1.3 \text{ cm} \times 0.3 \text{ cm}$ and it weighs 0.5 g. The stem measures $0.6 \text{ cm} \times 0.8 \text{ cm}$ and comprises about 33% of the total length of the specimen. The raw material is heat-

treated Keokuk chert, which is abundant further south but may be available locally in highly restricted areas. Microscopic examination revealed no evidence of use-wear. This

specimen most closely resembles the Sequoyah type, which is associated with the Mississippi Period.

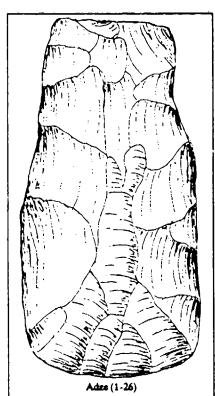
Artifact 1-23 is an arrow point proximal. It is an expanding stem corner removed specimen with a missing tip, a damaged blade, square shoulders and a recurved base. The cross section is plano-convex with no edge abrading and unifacial beveling. It was broken by heat, as evidenced by a potlid fracture. Maximum dimensions are 2.0 cm x 1.2 cm x 0.4 cm and it weighs 0.6 g. The stem measures 0.8 cm x 1.0 cm and comprises about 40% of the total length of the specimen. The raw material is heat-treated Keokuk chert, which is abundant further south but may be available



locally in highly restricted areas. Microscopic examination revealed no evidence of use-wear. This specimen most closely resembles the Sallisaw type, which is associated with the Mississippi Period.

Artifact 1-24 is an arrow point distal fragment. It has a missing tip, a damaged blade, no notches, no shoulders and a missing stem and base. The cross section is biconvex with no edge abrading and no beveling. Maximum dimensions are $1.6 \text{ cm} \times 1.1 \text{ cm} \times 0.3 \text{ cm}$ and it weighs 0.2 g. The raw material is heat-treated Burlington chert, which is found locally. Microscopic examination revealed no evidence of use-wear. This specimen is an unclassified type probably associated with the Mississippi Period.

Artifact 1-25 is an arrow point midsection. It has a missing tip, a damaged blade,



no notches, no shoulders and a missing stem and base. The cross section is biconvex with no edge abrading and no beveling. Maximum dimensions are 1.5 cm x 1.5 cm x 0.3 cm and it weighs 0.9 g. The raw material is Keokuk chert, which is abundant further south but may be available locally in highly restricted areas. Microscopic examination revealed no evidence of usewear. This specimen is an unclassified type not associated with a specific cultural period.

Artifact 1-26 is an elongated rectangular adze. It is a parallel stem specimen with a slight taper toward the poll end, a rounded tip, an excurvate blade, no notches, no shoulders and a convex base. The cross section is plano-convex with edge abrading on the stem and unifacial beveling. Maximum dimensions are 9.2 cm x 4.7 cm x 2.0 cm and it weighs 109.9 g. The raw material is Burlington chert, which is found locally. Microscopic examination revealed wear resulting from cutting wood. This specimen is an unclassified type not associated with a specific cultural period.

Artifact 1-28 is a bifacial end scraper proximal. It is an unstemmed specimen with a missing tip, an excurvate blade, no notches, no shoulders and a convex base. The cross section is plano-convex with no edge abrading and unifacial beveling. Maximum dimensions are 2.1 cm x 3.3 cm x 0.8 cm and it weighs 7.0 g. The raw material is heat-treated Jefferson City chert, which is found locally in the deeper valleys. Microscopic examination revealed wear resulting from scraping wet hide. This specimen is an unclassified type that may be associated with the Mississippi Period.

Artifact 1-29 is a bifacial knife. It is an unstemmed specimen with a rounded tip, an excurvate blade, no notches, no shoulders and a convex base. The cross section is plano-convex with no edge abrading and unifacial beveling. Maximum dimensions are 10.6 cm x 6.1 cm x 1.6 cm and it weighs 109.7 g. The raw material is Burlington chert, which is found locally. Microscopic examination revealed wear resulting from cutting meat with bone contact. This specimen is an unclassified type not associated with a specific cultural period.

Artifacts cataloged as 1-30 include two stemmed biface proximals. Both have expanding stems with missing tips and blades, corner notches, barbed shoulders and damaged bases. The cross section is irregular with no edge abrading and no beveling. Together, they weigh 5.2 g. The raw material is heat-treated Jefferson City and heat-treated

Bifacial knife (1-29)

Burlington cherts, which are found locally. Microscopic examination revealed no evidence of use-wear. These are of an unclassified type possibly associated with the Late Archaic Period.

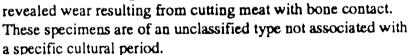
Artifact 1-31 is a stemmed biface proximal. It is a contracting stem corner removed specimen with a missing tip and blade, no shoulders and a straight base. The cross section is biconvex with edge abrading on the stem and no beveling. Maximum dimensions are 12.6 cm x 1.7 cm x 0.5 cm and it weighs 1.6 g. The raw material is heat-treated Burlington chert, which is found locally. Microscopic examination revealed no evidence of use-wear. This specimen most closely resembles the Langtry type, which is associated with the Late Archaic through Woodland periods.

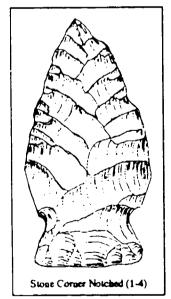
23PO370

23PO370 is a prehistoric habitation exhibiting evidence of Middle to Late Archaic, Middle to Late Woodland and Mississippi Period occupations. It was recorded by Howard Wimmer in 1984 when he collected 110 artifacts weighing 1,128.7 g. These included 6 arrow point fragments (3.4 g), 18 arrow points (12.1 g), 3 stemmed biface fragments (18.0 g), 1 unstemmed biface fragment (4.6 g), 2 dart point fragments (12.8 g), 1 dart point (2.7 g), 1 bifacial drill (4.8 g), 1 hammerstone (117.1 g), 26 bifacial knife fragments (164.5 g), 12 bifacial knives (111.0 g), 1 knife/scraper (12.9 g), 27 preform fragments (432.8 g), 6 preforms (66.4 g), 1 projectile point/knife (7.3 g), 2 bifacial side scraper fragments (67.6 g), 1 bifacial side scraper (41.2 g) and 1 flake scraper fragment (49.5 g).

Artifacts cataloged as 1-2 include nine bifacial knife midsections. These are unstemmed with missing tips, damaged blades, no notches, no shoulders and missing bases. The cross sections are irregular with no edge abrading and no beveling. Together, they weigh 34.4 g. The raw material is Burlington chert - both plain and heat-treated - and an unidentified chert. Microscopic examination revealed wear resulting from cutting meat with bone contact. These specimens are of an unclassified type not associated with a specific cultural period.

Artifacts cataloged as 1-3 include 11 bifacial knife midsections. These are unstemmed specimens with missing tips, damaged blades, no notches, no shoulders and missing bases. The cross sections are irregular with no edge abrading and no beveling. Together, they weigh 81.6 g. The raw material include Jefferson City, heat-treated Pierson and both plain and heat-treated Burlington chert. Microscopic examination





Artifact 1-4 is a bifacial knife. It is an expanding stem corner removed specimen with a pointed tip, an excurvate blade, reworked shoulders and a straight base. The cross section is lenticular with no edge abrading and beveling on the left edge of the blade. Maximum dimensions are 6.5 cm x 3.3 cm x 0.8 cm and it weighs 18.1 g. The stem measures 1.5 cm x 3.0 cm and comprises about 23% of the total length of the specimen. The raw material is heat-treated Burlington chert, which is found locally. Microscopic examination revealed wear resulting from cutting meat without bone contact. This specimen is resharpened and most closely resembles the Stone Corner Notched type, which is associated with the Late Archaic Period.

Artifact 1-5 is a bifacial knife. It is a contracting stem specimen with a missing tip, an excurvate blade, corner removed square shoulders and a concave base. The cross section is biconvex with edge abrading on the stem and no beveling. Maximum dimensions are 6.0 cm x 3.7 cm x 0.8 cm and it weights 16.6 g. The stem measures 1.9 cm x 2.2 cm and comprises about 32% of the total length of the specimen. The raw material is heat-treated Burlington chert, which is found locally. Microscopic examination revealed wear resulting from cutting meat without bone contact. This specimen is resharpened and most closely resembles the Dickson type, which is associated with the Woodland Period.





Artifact 1-6 is a projectile point/knife. It is a contracting stem

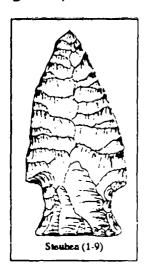
specimen with a missing tip, a damaged blade, corner removed missing shoulders and a straight base. The cross section is biconvex with edge abrading on the stem and no beveling. The tip has been carries away by an impact fracture. Maximum dimensions are 4.6 cm x 2.7 cm x 0.6 cm and it weighs 7.3 g. The stem measures 2.1 cm x 2.3 cm and comprises about 46% of the total length of the specimen. The raw material is heat-treated Burlington chert, which is found locally. Microscopic examination revealed wear resulting from cutting meat with bone contact. This specimen is resharpened and most closely resembles the Dickson type, which is associated with the Woodland Period.

Artifact 1-7 is a bifacial knife proximal. It is a contracting stem specimen with a missing tip and blade, corner removed square shoulders and a concave base. The cross section is biconvex with edge abrading on the stem and no beveling. Maximum dimensions are 3.2 cm x 3.2 cm x 0.6 cm and it weighs 5.6 g. The stem measures 2.2 cm x 2.3 cm and comprises about 69% of the total length of the specimen. The raw material is Jefferson City chert, which is found locally in the deeper valleys. Microscopic examination revealed no evidence of use-wear. This specimen is resharpened and most closely resembles the Dickson type, which is associated with the Woodland Period.

Artifact 1-8 is a bifacial knife. It is a contracting stem corner removed specimen with a missing tip, a damaged blade, sloping shoulders and a concave base. The cross section is biconvex with edge abrading on the stem and no beveling. Maximum dimensions are 4.9 cm x 2.8 cm x 0.7 cm and it weighs 11.2 g. The stem measures 1.8 cm x 1.9 cm and comprises about 37% of the total length of the specimen. The raw material is heat-treated Burlington chert, which is found locally. Microscopic examination revealed wear resulting from cutting meat with bone contact. This specimen is an unclassified type, which is associated with the Woodland Period. This distinctive biface type features

parallel sided to slightly contracting stems, usually ground or dulled. At Albertson this was a Woodland type used mostly as a dart point (Dickson 1991:94, Figure 58).

Artifact 1-9 is a bifacial knife. It is an expanding stem specimen with a pointed tip, an excurvate blade, side notches, sloping shoulders and a straight base. The cross section is biconvex with edge abrading on the notches and no beveling. Maximum dimensions are 5.4 cm x 2.6 cm x 0.5 cm and it weighs 8.2 g. The stem measures 1.4 cm x 2.2 cm and comprises about 26% of the total length of the specimen. The raw material is heat-treated Keokuk chert, which is abundant further south but may be available locally in highly restricted areas. Microscopic examination revealed wear resulting from cutting meat with bone contact. This specimen most closely resembles the Steuben type, which is associated with the Woodland Period.





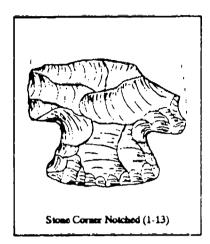
Artifact 1-10 is a bifacial knife. It is a corner removed contracting stem specimen with a missing tip, a damaged blade, sloping shoulders and a convex base. The cross section is biconvex with edge abrading on the stem and no beveling. Maximum dimensions are 4.1 cm x 3.3 cm x 0.7 cm and it weighs 9.4 g. The stem measures 1.8 cm x 2.2 cm and comprises about 44% of the total length of the specimen. The raw material is heat-treated Burlington chert, which is found locally. Microscopic examination revealed wear resulting from cutting meat with bone contact. This specimen most closely resembles the Waubesa type, which is associated with the Woodland Period.

Artifact 1-11 is a bifacial knife. It is an expanding stem specimen with a rounded tip, an asymmetrical blade, side notches, sloping shoulders and a convex base. The cross section is biconvex with no edge abrading and no beveling. Maximum dimensions are 5.6 cm x 2.7 cm x 0.8 cm and it weighs 10.0 g. The stem measures 1.1 cm x 2.7 cm and comprises about 20% of the total length of the specimen. The raw material is Jefferson City chert, which is found locally in the deeper valleys. Microscopic examination revealed wear resulting from cutting and scraping wood. The concave area on one side seems to have been used as a spokeshave on wood, while the excurvate side seems to have been used to scrape wood, since the microbreakage is unifacial. This specimen is an unclassified type that may be associated with the Woodland Period. The V-shaped side notches are unusual. Otherwise it resembles the Steuben type

Artifact 1-12 is a bifacial knife proximal. It is an expanding stem corner removed specimen with a missing tip, a damaged blade, barbed shoulders and a convex base. The cross section is biconvex with edge abrading on the stem and no beveling. Maximum dimensions are 5.3 cm x 3.7 cm x 0.6 cm and it weighs 11.1 g. The stem measures 1.2 cm

x 2.3 cm and comprises about 23% of the total length of the specimen. The raw material is heat-treated Burlington chert, which is found locally. Microscopic examination revealed wear resulting from cutting meat with bone contact. This specimen is a variant of the Stone Corner Notched type, which is associated with the Late Archaic Period.

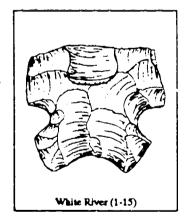
Artifact 1-13 is a stemmed biface proximal. It is an expanding stem corner removed specimen with a missing tip and blade, barbed shoulders and a convex base. The cross section is biconvex with no edge abrading and no beveling. Maximum dimensions are 3.2 cm x 4.2 cm x 0.8 cm and it weighs 10.8 g. The stem measures 1.5 cm x 2.8 cm and comprises about 47% of the total length of the specimen. The raw material is heat-treated Burlington chert, which is found locally. Microscopic examination revealed no evidence of use-wear. This specimen most closely resembles the Stone Corner Notched type, which is associated with the Late Archaic Period.



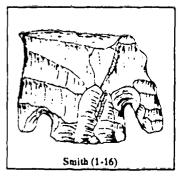


Artifact 1-14 is an unstemmed biface proximal. It is an unstemmed specimen with a missing tip and blade, no notches, no shoulders and a concave base. The cross section is plano-convex with no edge abrading and no beveling. Maximum dimensions are 2.4 cm x 2.7 cm x 0.6 cm and it weighs 4.6 g. The raw material is heat-treated Burlington chert, which is found locally. Microscopic examination revealed no evidence of use-wear. This specimen most closely resembles the Copena type, which is associated with the Woodland Period.

Artifact 1-15 is a dart point stem. It is an expanding stem specimen with a missing tip and blade, side notches, square shoulders and a concave base. The cross section is biconvex with edge abrading on the stem and no beveling. The tip has been carried away by an impact fracture. Maximum dimensions are 3.3 cm x 3.5 cm x 0.9 cm and it weighs 10.0 g. The stem measures 1.5 cm x 3.0 cm and comprises about 45% of the total length of the specimen. The raw material is heat-treated Burlington chert, which is found locally. Microscopic examination revealed no evidence of use-wear. This specimen most closely resembles the White River type, which is



associated with the Middle Archaic Period. The stem expands due to side notches, but then contracts immediately below the notch, as is typical with many White River bifaces. There are almost burin-like breaks on both sides where the broken blade and margin join and one shows some signs that a soft material was worked. It seems probable that the damage was caused by impact, however.



Artifact 1-16 is a bifacial knife proximal. It is a parallel stem specimen with a missing tip, a damaged blade, shallow basal notches, barbed shoulders and a straight base. The cross section is biconvex with no edge abrading and no beveling. Maximum dimensions are 2.9 cm x 3.7 cm x 0.7 cm and it weighs 7.4 g. The stem measures 1.0 cm x 2.0 cm and comprises about 34% of the total length of the specimen. The raw material is Burlington chert, which is found locally. Microscopic examination revealed wear resulting from cutting

meat with bone contact. This specimen is a variant of the Smith type, which is associated with the Late Archaic Period.

Artifact 1-17 is a dart point stem. It is an expanding stem corner removed specimen with a missing tip and blade, square shoulders and a straight base. The cross section is biconvex with edge abrading on the base and stem and no beveling. The tip and much of the blade have been carried away by an impact fracture. Maximum dimensions are 2.6 cm x 2.3 cm x 0.5 cm and it weighs 2.8 g. The stem measures 1.1 cm x 1.4 cm and comprises about 42% of the total length of the specimen. The raw material is Jefferson City chert, which is found locally in the deeper valleys. Microscopic examination



revealed no evidence of use-wear. This specimen most closely resembles the Table Rock Stemmed type, which is associated with the Late Archaic Period.



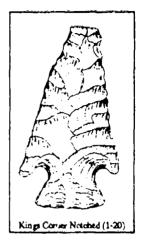
Artifact 1-18 is a bifacial knife. It is a parallel stem specimen with a pointed tip, a recurved blade, side notches, sloping shoulders and a straight base. The cross section is biconvex with edge abrading on the stem and no beveling. Maximum dimensions are 5.7 cm x 2.2 cm x 0.6 cm and it weighs 7.1 g. The stem measures 1.1 cm x 1.5 cm and comprises about 19% of the total length of the specimen. The raw material is unidentified chert, which is not found locally. Microscopic examination revealed wear resulting from cutting meat without bone contact. This specimen is a variant of the Table Rock Stemmed type, which is associated with the Late Archaic Period. The blade is unusually long for the type and the needle-like tip is similar to what is often seen on Lange or Big Creek points. The chert is not

recognized, but could be from the Sedalia formation.

Artifact 1-19 is a bifacial knife. It is an expanding stem specimen with a missing tip, an asymmetrical blade, corner notches, barbed shoulders and a straight base. The cross section is biconvex with no edge abrading and no beveling. Maximum dimensions are 3.4 cm x 2.9 cm x 0.6 cm and it weighs 4.4 g. The stem measures 1.1 cm x 1.9 cm and comprises about 32% of the



total length of the specimen. The raw material is heat-treated Burlington chert, which is found locally. Microscopic examination revealed wear resulting from cutting meat with bone contact. This specimen is resharpened and most closely resembles the Kings Corner Notched type, which is associated with the Late Archaic through Woodland periods.



Artifact 1-20 is a bifacial knife. It is an expanding stem specimen with a missing tip, a straight blade, corner notches, barbed shoulders and a straight base. The cross section is biconvex with edge abrading on the base and no beveling. Maximum dimensions are 4.7 cm x 2.6 cm x 0.7 cm and it weighs 6.7 g. The stem measures 1.0 cm x 1.8 cm and comprises about 21% of the total length of the specimen. The raw material is heat-treated Burlington chert, which is found locally. Microscopic examination revealed wear resulting from cutting meat with bone contact. This specimen is resharpened and most closely resembles the Kings Corner Notched type, which is associated with the Late Archaic through Woodland periods.

Artifact 1-21 is a biface stem. It is an expanding stem specimen with a missing tip and blade, corner notches, missing shoulders and a straight base. The cross section is biconvex with edge abrading on the base and stem and no beveling. Maximum dimensions are $2.2 \text{ cm} \times 2.3 \text{ cm} \times 0.7 \text{ cm}$ and it weighs 4.1 g. The stem measures 1.4 cm $\times 2.3 \text{ cm}$ and comprises about 64% of the total length of the specimen. The raw material is Burlington chert, which is found locally. Microscopic examination revealed no evidence of use-wear. This specimen most closely resembles the Kings Corner Notched type, which is associated with the Late Archaic through Woodland periods.

Artifact 1-22 is a dart point. It is an expanding stem specimen with a missing tip, a damaged blade, corner notches, barbed shoulders and a damaged base. The cross section is biconvex with no edge abrading and no beveling. The tip has been carried away by an impact fracture. Maximum dimensions are 3.3 cm x 1.8 cm x 0.5 cm and it weighs 2.7 g. The stem is 0.8 cm long and comprises about 24% of the total length of the specimen. The raw material is heat-treated Burlington chert, which is found locally. Microscopic examination revealed no evidence of use-wear. This specimen most closely resembles the Kings Corner Notched type, which is associated with the Late Archaic through Woodland periods. This biface is small enough to have been used for an arrow point, however the thickness and width of the stem suggest that it was a small dart point. Kings Corner Notched points are usually Late Archaic, but smaller ones seem to have survived into the Woodland. This example is probably Woodland.

Artifact 1-23 is a bifacial knife proximal. It is an expanding stem specimen with a missing tip, a damaged blade, basal notches, barbed shoulders and a straight base. The cross section is biconvex with no edge abrading and no beveling. The basal notches slope inward to form a short expanding stem. Maximum dimensions are $2.0 \, \mathrm{cm} \times 3.0 \, \mathrm{cm} \times 0.6 \, \mathrm{cm}$ and it weighs $3.6 \, \mathrm{g}$. The stem measures $0.8 \, \mathrm{cm} \times 1.9 \, \mathrm{cm}$ and comprises about 40% of

the total length of the specimen. The raw material is heat-treated Burlington chert, which is found locally. Microscopic examination revealed wear resulting from cutting meat with bone contact. This specimen resembles an unclassified distinctive basally (rarely corner) notched type with sweeping barbs usually associated with the Middle to Late Archaic Period.

Artifact 1-24 is a bifacial knife. It is an expanding stem specimen with a missing tip, a damaged blade, basal notches, barbed shoulders and a concave base. The cross section is biconvex with no edge abrading and no beveling. Maximum dimensions are 2.4 cm x 3.0 cm x 0.6 cm and it weighs 4.2 g. The stem measures 0.7 cm x 1.6 cm and comprises about 29% of the total length of the specimen. The raw material is heat-treated Burlington chert, which is found locally. Microscopic

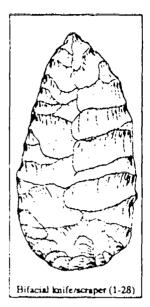


examination revealed wear resulting from cutting meat with bone contact. This specimen resembles an unclassified distinctive basally (rarely corner) notched type with sweeping barbs usually associated with the Middle to Late Archaic Period.

Artifact 1-25 is a stemmed biface proximal. It is an expanding stem specimen with a missing tip, a damaged blade, corner notches, barbed shoulders and a straight base. The cross section is biconvex with no edge abrading and no beveling. Maximum dimensions are 2.5 cm x 0.5 cm and it weighs 3.1 g. The stem measures 0.7 cm x 2.0 cm and comprises about 27% of the total length of the specimen. The raw material is heat-treated Burlington chert, which is found locally. Microscopic examination revealed no evidence of use-wear. This specimen is exhausted and is an unclassified type possibly associated with the Late Archaic Period. This biface may be the same as specimens 1-23 and 1-24, but it is corner notched.

Artifact 1-26 is a bifacial knife. It is an expanding stem corner removed specimen with a rounded tip, a recurved blade, square shoulders and a damaged base. The cross section is biconvex with no edge abrading and no beveling. Maximum dimensions are 4.3 cm x 2.3 cm x 0.8 cm and it weighs 7.0 g. The raw material is heat-treated Pierson chert, which is abundant in the Branson area and may be exposed in limited areas locally. Microscopic examination revealed wear resulting from cutting meat with bone contact. This specimen is resharpened and is a variant of the Stone Corner Notched type, which is associated with the Late Archaic Period.

Artifact 1-27 is a bifacial knife proximal. It is a contracting stem corner removed specimen with a missing tip, a damaged blade, sloping shoulders and a straight base. The cross section is plano-convex with no edge abrading and no beveling. Maximum dimensions are 4.2 cm x 3.3 cm x 0.6 cm and it weighs 7.2 g. The stem measures 0.9 cm x 2.0 cm and comprises about 21% of the total length of the specimen. The raw material is heat-treated Burlington chert, which is found locally. Microscopic examination revealed wear resulting from cutting meat with bone contact. This specimen is an unclassified type not associated with a specific cultural period.



Artifact 1-28 is a bifacial knife/scraper. It is an unstemmed specimen with a pointed tip, an excurvate blade, no notches, no shoulders and a convex base. The cross section is biconvex with no edge abrading and unifacial beveling. Maximum dimensions are 6.2 cm x 2.3 cm x 0.6 cm and it weighs 12.9 g. The raw material is Burlington chert, which is found locally. Microscopic examination revealed wear resulting from cutting meat with bone contact and from scraping wet hide. This specimen is an unclassified type that may be associated with the Woodland Period.

Artifact 1-29 is an arrow point. It is an expanding stem specimen with a missing tip, a damaged blade, corner notches, barbed shoulders and a convex base. The cross section is biconvex with no edge abrading and no beveling. Maximum dimensions are 1.4 cm x 1.1 cm x 0.3 cm and it weighs 0.5 g. The stem measures

0.5 cm x 0.9 cm and comprises about 36% of the total length of the specimen. The raw material is Burlington chert, which is found locally. Microscopic examination revealed no evidence of use-wear. This specimen most closely resembles the Scallorn type, which is associated with the Late Woodland through Mississippi periods.

Artifact 1-30 is an arrow point. It is an expanding stem specimen with a pointed tip, a straight blade, corner notches, square shoulders and a convex base. The cross section is diamond-shaped with no edge abrading and no beveling. Maximum dimensions are 3.1 cm x 1.0 cm x 0.3 cm and it weighs 1.0 g. The stem measures 0.5 cm x 0.9 cm and comprises about 16% of the total length of the specimen. The raw material is heat-treated Burlington chert, which is found locally. Microscopic examination revealed no evidence of use-wear. This specimen most closely resembles the Scallorn type, which is associated with the Late Woodland through Mississippi periods.



Artifact 1-31 is an arrow point. It is an expanding stem corner removed specimen with a pointed tip, an missing blade, square shoulders and a straight base. The cross section is plano-convex with no edge abrading and no beveling. Maximum dimensions are 2.1 cm x 1.2 cm x 0.3 cm and it weighs 0.7 g. The stem measures 0.7 cm x 0.9 cm and comprises about 33% of the total length of the specimen. The raw material is heat-treated Burlington chert, which is found locally. Microscopic examination revealed no evidence of use-wear. This specimen most closely resembles the Scallorn type, which is associated with the Late Woodland through Mississippi Period.

Artifact 1-32 is an arrow point. It is an expanding stem specimen with a missing tip, a damaged blade, corner notches, barbed shoulders and a straight base. The cross section is biconvex with no edge abrading and no beveling. Maximum dimensions are 1.9 cm x 1.2 cm x 0.3 cm and it weighs 0.6 g. The stem measures 0.9 cm x 0.9 cm and comprises about 47% of the total length of the specimen. The raw material is heat-treated

Burlington chert, which is found locally. Microscopic examination revealed no evidence of use-wear. This specimen most closely resembles the Scallorn type, which is associated with the Late Woodland through Mississippi periods.

Artifact 1-33 is an arrow point. It is an expanding stem corner removed specimen with a missing tip, a damaged blade, missing shoulders and a straight base. The cross section is biconvex with no edge abrading and no beveling. Maximum dimensions are 2.2 cm x 1.0 cm x 0.3 cm and it weighs 0.6 g. The stem measures 0.7 cm x 0.8 cm and comprises about 32% of the total length of the specimen. The raw material is heat-treated Burlington chert, which is found locally. Microscopic examination revealed no evidence of use-wear. This specimen most closely resembles the Scallorn type, which is associated with the Late Woodland through Mississippi periods.

Artifact 1-34 is an arrow point. It is an expanding stem corner removed specimen with a pointed tip, an incurvate blade, square shoulders and a straight base. The cross section is biconvex with no edge abrading and no beveling. Maximum dimensions are 1.7 cm x 1.2 cm x 0.4 cm and it weighs 0.6 g. The stem measures 0.7 cm x 0.7 cm and comprises about 41% of the total length of the specimen. The raw material is heat-treated Burlington chert, which is found locally. Microscopic examination revealed no evidence of use-wear. This specimen most closely resembles the Scallorn type, which is associated with the Late Woodland through Mississippi periods.



Artifact 1-35 is an arrow point. It is an expanding stem specimen with a pointed tip, a straight blade, corner removed square shoulders and a straight base. The cross section is biconvex with no edge abrading and no beveling. Maximum dimensions are 1.6 cm x 1.1 cm x 0.3 cm and it weighs 0.5 g. The stem measures 0.5 cm x 0.9 cm and comprises about 31% of the total length of the specimen. The raw material is heat-treated Burlington chert, which is found locally. Microscopic examination revealed no evidence

of use-wear. This specimen is resharpened and most closely resembles the Scallorn type, which is associated with the Late Woodland through Mississippi periods.

Artifact 1-36 is an arrow point. It is an expanding stem corner removed specimen with a pointed tip, a straight blade, square shoulders and a convex base. The cross section is biconvex with no edge abrading and no beveling. Maximum dimensions are 1.7 cm x 1.1 cm x 0.3 cm and it weighs 0.5 g. The stem measures 0.7 cm x 0.8 cm and comprises about 41% of the total length of the specimen. The raw material is heat-treated Burlington chert, which is found locally. Microscopic examination revealed no evidence of use-wear. This specimen is resharpened and most closely resembles the Scallorn type, which is associated with the Late Woodland through Micsissippi Period.



Artifact 1-37 is an arrow point. It is an expanding stem specimer with a pointed tip, a serrated blade, corner notches, barbed shoulders and a straight base. The cross section is biconvex with edge abrading on the stem and 1 g. N



dimensions are $1.6 \text{ cm} \times 1.0 \text{ cm} \times 0.3 \text{ cm}$ and it weighs 0.4 g. The stem measures $0.5 \text{ cm} \times 0.8 \text{ cm}$ and comprises about 31% of the total length of the specimen. The raw material is Keokuk chert, which is abundant further south but may be available locally in highly restricted areas. Microscopic examination revealed no evidence of use-wear. This specimen is resharpened and most closely resembles the Scallorn type, which is associated with the Late Woodland through Mississippi periods.

Artifact 1-38 is an arrow point. It is an expanding stem corner removed specimen with a pointed tip, a straight blade, missing shoulders and a straight base. The cross section is biconvex with no edge abrading and no beveling. Maximum dimensions are 2.2 cm x 0.9 cm x 0.3 cm and it weighs 0.5 g. The stem measures 0.6 cm x 0.8 cm and comprises about 27% of the total length of the specimen. The raw material is Burlington chert, which is found locally. Microscopic examination revealed no evidence of use-wear. This specimen most closely resembles the Scallorn type, which is associated with the Late Woodland through Mississippi periods.

Artifact 1-39 is an arrow point. It is an expanding stem specimen with a pointed tip, a serrated blade, corner notches, damaged shoulders and a convex base. The cross section is plano-convex with no edge abrading and no beveling. Maximum dimensions are 2.2 cm x 1.0 cm x 0.3 cm and it weighs 0.6 g. The stem measures 0.6 cm x 1.0 cm and comprises about 27% of the total length of the specimen. The raw material is Burlington chert, which is found locally. Microscopic examination revealed no evidence of use-wear. This specimen most closely resembles the Sequoyah type, which is associated with the Mississippi Period.



Artifact 1-40 is an arrow point. It is an expanding stem specimen with a missing tip and blade, corner notches, barbed shoulders and a convex base. The cross section is biconvex with no edge abrading and no beveling. Maximum dimensions are $1.4 \text{ cm } \times 0.8 \text{ cm } \times 0.3 \text{ cm}$ and it weighs 0.4 g. The stem measures $0.6 \text{ cm } \times 0.8 \text{ cm}$ and comprises about 43% of the total length of the specimen. The raw material is Jefferson City chert, which is found locally in the deeper valleys. Microscopic examination revealed no evidence of use-wear. This specimen most closely resembles the Sequoyah type, which is associated with the Mississippi Period.

Artifact 1-41 is an arrow point. It is an expanding stem specimen with a missing tip, a damaged blade, side notches, square shoulders and a concave base. The cross section is biconvex with no edge abrading and no beveling. Maximum dimensions are 1.4 cm x 1.1 cm x 0.2 cm and it weighs 0.5 g. The stem measures 0.5 cm x 0.9 cm and comprises about 36% of the total length of the specimen. The raw material is heat-treated Burlington chert, which is found locally. Microscopic examination revealed no evidence of use-wear. This specimen most closely resembles the Haskell type, which is associated with the Mississippi Period.



Artifact 1-42 is an arrow point. It is an expanding stem specimen with a pointed tip, an incurvate blade, corner notches, square shoulders and a concave base. The cross section is biconvex with no edge abrading and no beveling. Maximum dimensions are $1.5~\rm cm \times 1.0~\rm cm \times 0.3~\rm cm$ and it weighs $0.5~\rm g$. The stem measures $0.6~\rm cm \times 1.0~\rm cm$ and comprises about 40% of the total length of the specimen. The raw material is heat-treated Burlington

chert, which is found locally. Microscopic examination revealed no evidence of use-wear. This specimen is resharpened and most closely resembles the Haskell type, which is associated with the Mississippi Period.

Artifact 1-43 is an arrow point. It is an expanding stem specimen with a pointed tip, a serrated blade, corner notches, barbed shoulders and a concave base. The cross section is biconvex with no edge abrading and no beveling. Maximum dimensions are $2.2 \text{ cm} \times 1.1 \text{ cm} \times 0.4 \text{ cm}$ and it weighs 0.6 g. The stem measures 0.5 cm x 0.7 cm and comprises about 23% of the total length of the specimen. The raw material is heat-treated Burlington chert, which is found locally. Microscopic examination revealed no evidence of use-wear. This specimen most closely resembles the Sallisaw type, which is associated with the Mississippi Period.





Artifact 1-44 is an arrow point. It is an expanding stem specimen with a missing tip, a damaged blade, corner notches, square shoulders and a concave base. The cross section is plano-convex with no edge abrading and no beveling. Maximum dimensions are 1.8 cm x 1.1 cm x 0.3 cm and it weighs 0.6 g. The stem measures 0.7 cm x 0.8 cm and comprises about 39% of the total length of the specimen. The raw material is heat-treated Burlington chert, which is found locally. Microscopic examination revealed

no evidence of use-wear. This specimen most closely resembles the Sallisaw type, which is associated with the Mississippi Period.

Artifact 1-45 is an arrow point. It is an expanding stem specimen with a pointed tip, an excurvate blade, side notches, sloping shoulders and a convex base. The cross section is biconvex with no edge abrading and no beveling. Maximum dimensions are 3.1 cm x 1.1 cm x 0.4 cm and it weighs 1.4 g. The stem measures 0.6 cm x 0.8 cm and comprises about 19% of the total length of the specimen. The raw material is heat-treated Burlington chert, which is found locally. Microscopic examination revealed no evidence





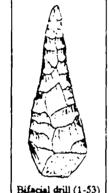
of use-wear. This specimen most closely resembles the Schild type, which is associated with the Late Woodland Period.

Artifact 1-46 is an arrow point. It is an expanding stem specimen with a pointed tip, an excurvate blade, corner removed barbed shoulders and a straight base. The cross section is biconvex with no edge abrading and no beveling. Maximum dimensions are 2.5 cm x 1.7 cm x 0.5 cm and

it weighs 1.6 g. The stem measures 0.5 cm x 1.0 cm and comprises about 20% of the total length of the specimen. The raw material is heat-treated Burlington chert, which is found locally. Microscopic examination revealed no evidence of use-wear. This specimen is an unclassified type that resembles the Koster type somewhat, but stem is not as expanding and it is slightly thicker. These are fairly common in the Ozark area, and appear to be associated with the Late Woodland Period.

Artifact 1-51 is a bifacial knife. It is an unstemmed specimen with a rounded tip, a straight blade, no notches, no shoulders and a straight base. The cross section is planoconvex with edge abrading on the stem and no beveling. Maximum dimensions are $6.0 \text{ cm} \times 2.0 \text{ cm} \times 0.6 \text{ cm}$ and it weighs 8.1 g. The raw material is Burlington chert, which is found locally. Microscopic examination revealed wear resulting from cutting meat with bone contact and from perforating soft stone. This specimen is an unclassified type not associated with a specific cultural period.

Artifact 1-53 is a bifacial drill. It is an unstemmed specimen with a pointed tip, a straight blade, no notches, no shoulders and a convex base. The cross section is diamond-shaped with no edge abrading and no beveling. Maximum dimensions are 4.3 cm x 1.6 cm x 0.8 cm and it weighs 4.8 g. The raw material is Burlington chert, which is found locally. Microscopic examination revealed wear resulting from perforating. This specimen is an unclassified type possibly associated with the Woodland Period.



Artifact 1-54 is a preform proximal. It is an unstemmed specimen with a missing tip, a damaged blade, no notches, no shoulders and a convex base. The cross section is biconvex with no edge abrading and no beveling. Maximum dimensions are 2.4 cm x 1.6 cm x 0.4 cm and it weighs 2.2 g. The raw material is Burlington chert, which is found locally. Microscopic examination revealed no evidence of use-wear. This specimen is an unclassified type possibly associated with the Woodland through Mississippi periods.

Artifact 1-55 is a heat damaged preform proximal. It is an unstemmed specimen with a missing tip, a damaged blade, no notches, no shoulders and a convex base. The cross section is biconvex with no edge abrading and no beveling. Maximum dimensions are 2.7 cm x 1.8 cm x 0.5 cm and it weighs 2.9 g. The raw material is Jefferson City chert, which is found locally in the deeper valleys. Microscopic examination revealed no evidence of use-wear. This specimen is an unclassified type possibly associated with the Late Woodland through Mississippi periods.

Artifact 1-56 is a preform proximal. It is an unstemmed specimen with a missing tip, a damaged blade, no notches, no shoulders and a convex base. The cross section is biconvex with no edge abrading and no beveling. Maximum dimensious are $3.3 \, \text{cm} \times 1.8 \, \text{cm} \times 0.5 \, \text{cm}$ and it weighs $3.3 \, \text{g}$. The raw material is Jefferson City chert, which is found locally in the deeper valleys. Microscopic examination revealed no evidence of use-wear.

This specimen is an unclassified type possibly associated with the Late Woodland through Mississippi Period.

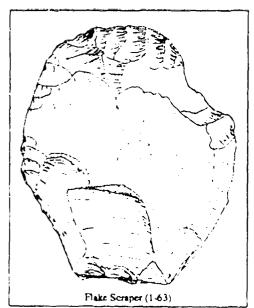
Artifact 1-57 is a preform. It is an unstemmed specimen with a pointed tip, an excurvate blade, no notches, no shoulders and a convex base. The cross section is planoconvex with no edge abrading and unifacial beveling. It is made from a thick decortication flake, as evidenced by the presence of some cortex on one side. Maximum dimensions are 3.6 cm x 1.5 cm x 0.7 cm and it weighs 4.0 g. The raw material is heat-treated Burlington chert, which is found locally. Microscopic examination revealed no evidence of use-wear. This specimen is an unclassified type possibly associated with the Late Woodland through Mississippi periods.

Artifact 1-60 is a preform. It is an expanding stem specimen with a missing tip and blade, side notches, sloping shoulders and a concave base. The cross section is biconvex with no edge abrading and no beveling. Maximum dimensions are 3.2 cm x 3.4 cm x 0.7 cm and it weighs 8.6 g. The stem measures 1.2 cm x 2.3 cm and comprises about 38% of the total length of the specimen. The raw material is heat-treated Burlington chert, which is found locally. Microscopic examination revealed no evidence of use-wear. This specimen is an unclassified type possibly associated with the Late Archaic Period. Apparently it was broken at the notching stage since a bifurcated stem was roughly delineated. It may be a late stage preform for a Hanna point.

Artifact 1-61 is a bifacial knife midsection. It has a missing tip, a damaged blade, basal notches, barbed shoulders and a missing stem and base. The cross section is biconvex with no edge abrading and no beveling. The stem is broken away just below the shoulders. The angle of the notch suggests basal notching and, therefore, a squared stem, but one cannot be sure. Maximum dimensions are 4.8 cm x 3.0 cm x 0.9 cm and it weighs 13.6 g. The raw material is heat-treated Jefferson City chert, which is found locally in the deeper valleys. Microscopic examination revealed wear resulting from cutting meat without bone contact. This specimen is an unclassified type possibly associated with the Late Archaic Period.

Artifact 1-62 is a bifacial side scraper. It is an unstemmed specimen with a rounded tip, an excervate blade, no notches, no shoulders and a convex base. The cross section is biconvex with no edge abrading and no beveling. Maximum dimensions are 6.0 cm x 4.9 cm x 1.6 cm and it weighs 41.2 g. The raw material is heat-treated Burlington chert, which is found locally. Microscopic examination revealed wear resulting from scraping wet hide. This specimen is an unclassified type possibly associated with the Woodland Period.

Artifact 1-63 is a flake scraper. Maximum dimensions are 6.9 cm x 5.6 cm x 1.5 cm and it weighs 49.5 g. The raw material is Burlington chert, which is found locally. Microscopic examination revealed wear resulting from scraping wet hide.



Artifact 1-64 is a bifacial side scraper midsection. It is an unstemmed specimen with a missing tip, an excurvate blade, no notches, no shoulders and a missing base. The cross section is plano-convex with no edge abrading and unifacial beveling. Maximum dimensions are 4.0 cm x 5.8 cm x 1.8 cm and it weighs 50.2 g. The raw material is heat-treated Burlington chert, which is found locally. Microscopic examination revealed wear resulting from scraping wet hide. This specimen is an unclassified type possibly associated with the Woodland Period.

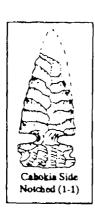
Artifact 1-65 is a bifacial side scraper proximal. It is an unstemmed specimen with a

missing tip, a damaged blade, no notches, no shoulders and a convex base. The cross section is biconvex with no edge abrading and no beveling. Maximum dimensions are 5.0 cm x 3.3 cm x 0.8 cm and it weighs 17.4 g. The raw material is Burlington chert, which is found locally. Microscopic examination revealed wear resulting from scraping wet hide. This specimen is an unclassified type possibly associated with the Woodland Period.

23PO371

23PO371 is a prehistoric habitation exhibiting evidence of Woodland and Mississippi Period occupations. It was recorded by Howard Wimmer in 1984 when he collected 5 artifacts weighing 45.0 g. These included 1 arrow point (1.1 g), 3 biface fragments (5.5 g) and 1 bifacial end scraper (38.4 g).

Artifact 1-1 is an arrow point. It is a parallel stem specimen with a missing tip, a damaged blade, double side notches, square shoulders and a straight base. The cross section is biconvex with no edge abrading and no beveling. Maximum dimensions are 3.0 cm x 1.4 cm x 0.3 cm and it weighs 1.1 g. The stem measures 0.9 cm x 1.4 cm and comprises about 3% of the total length of the specimen. The raw material is heat-treated high grade Burlington (Crescent variety?) chert, which is found locally. Microscopic examination revealed no evidence of use-wear. This specimen is a well-made Cahokia side notched point with deep side notches and small extra notch in the parallel sided stem portion below the main notches.



Artifact 1-2 is a bifacial end scraper. It is an unstemmed specimen with a rounded tip, an excurvate blade, no notches, no shoulders and a convex base. The cross section is plano-convex with no edge abrading and unifacial beveling. Maximum dimensions are 5.5 cm x 4.4 cm x 1.5 cm and it weighs 38.4 g. The raw material is heat-treated Jefferson

City chert, which is found locally in the deeper valleys. Microscopic examination revealed wear resulting from scraping wet hide. This specimen is an unclassified type, which is associated with the Woodland Period.

23PO372

23PO372 is a prehistoric habitation exhibiting evidence of Late Archaic and Woodland Period occupations. It was recorded by Howard Wimmer in 1984 when he collected 6 artifacts weighing 53.8 g. These included 1 bifacial knife fragment (14.2 g), 2 bifacial knives (15.6 g) and 3 preform fragments (24.0 g).

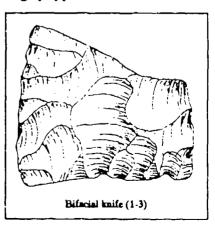
Artifact 1-1 is a bifacial knife. It is a contracting stem specimen with a pointed tip, an asymmetrical blade, corner removed sloping shoulders and a concave base. The cross section is biconvex with edge abrading on the stem and no beveling. One blade margin of this biface has an angular, Afton-like outline, while the other margin has a strongly excurvate edge. The tip constricts sharply and ends in a sharp point. Maximum dimensions are 4.1 cm x 3.0 cm x 0.6 cm and it weighs 7.3 g. The stem measures 1.3 cm x 1.8 cm and comprises about 32% of the total length of the specimen. The raw material is heat-treated Jefferson City chert, which is found locally in the deeper valleys. Microscopic examination revealed wear resulting from cutting meat with bone contact. This specimen is resharpened and most closely resembles the Langtry type, which is associated with the Late Archaic through Woodland periods.



Artifact 1-2 is a bifacial knife. It is a contracting stem specimen with a missing tip, an asymmetrical blade, corner removed square shoulders and a concave base. The cross section is biconvex with edge abrading on the stem and no beveling. Maximum dimensions are 4.5 cm x 3.2 cm x 0.7 cm and it weighs 8.3 g. The stem measures 1.4 cm x 1.8 cm and comprises about 31% of the total length of the specimen. The raw material is heat-treated Burlington chert, which is found locally. Microscopic examination revealed wear resulting from cutting meat with bone contact. This specimen is resharpened and most closely resembles the Langtry type, which is

associated with the Late Archaic through Woodland periods. The morphology of biface 1-2 is almost exactly the same as 1-1. There is one Afton-like margin and one excurvate edge. The sharp tip has been broken off.

Artifact 1-3 is a bifacial knife proximal. It is an unstemmed specimen with a missing tip and blade, no notches, no shoulders and a thinned concave base. The cross section is biconvex with no edge abrading and no beveling. Maximum dimensions are 4.2 cm x 4.5 cm x 0.9 cm and it weighs 14.2 g. The raw material is heat-



treated Burlington chert, which is found locally. Microscopic examination revealed wear resulting from cutting wood. Use wear, polish and microbreakage suggests use of the concave base as a spokeshave. This specimen is an unclassified type not associated with a specific cultural period.

23PO373

23PO373 is a prehistoric habitation exhibiting evidence of Late Archaic, Middle to Late Woodland and Mississippi Period occupations. It was recorded by Howard Wimmer in 1985 when he collected 123 artifacts weighing 1,873.8 g. These included 2 flat abraders (809.2 g), 4 arrow point fragments (3.0 g), 13 arrow points (11.7 g), 15 biface fragments (71.9 g), 8 stemmed biface fragments (49.1 g), 2 stemmed bifaces (14.9 g), 1 unstemmed biface (14.6 g), 1 clay-tempered cord marked rim sherd (39.9 g), 3 dart point fragments (4.2 g), 4 dart points (23.6 g), 2 bifacial drill fragments (3.1 g), 9 grit/clay-tempered plain body sherds (32.6 g), 9 bifacial knife fragments (44.3 g), 8 bifacial knives (87.6 g), 1 knife/scraper (9.4 g), 29 preform fragments (407.8 g), 8 preforms (121.0 g), 1 projectile point/knife (11.3 g), 1 sand-tempered plain body (71.9 g), 1 bifacial side scraper/end (16.3 g) and 1 unifacial scraper side fragment (26.4 g).

Artifacts cataloged as 1-6 include six bifacial knife midsections. These are unstemmed specimens with missing tips, damaged blades, no notches, no shoulders and missing bases. The cross sections are irregular with no edge abrading and no beveling. Together, they weigh 14.4 g. The raw materials include Jefferson City, heat-treated Elsey and heat-treated Burlington cherts. Microscopic examination revealed wear resulting from cutting meat with bone contact. These specimens are of an unclassified type not associated with a specific cultural period.



Artifact 1-9 is a biffield knife. It is an expanding stem corner removed specimen with partited tip, an excurvate blade, square shoulders and a convex base. The cross section is biconvex with edge abrading on the stem and no beveling. Maximum dimensions are 6.0 cm x 2.3 cm x 0.9 cm and it weighs 9.8 g. The stem measures 1.5 cm x 1.5 cm and comprises about 25% of the total length of the specimen. The raw material is Keokuk chert, which is abundant further south but may be available locally in highly restricted areas. Microscopic examination revealed wear resulting from cutting meat with bone contact. This specimen is a variant of the Table Rock Stemmed type, which is associated with the Late Archaic Period. This biface differs from typical Table Rock Stemmed point in its greater thickness and convex or bulb-like base. It also resembles the Palmillas type of Texas.

Artifact 1-10 is a dart point. It is a corner removed expanding stem specimen with a missing tip, a damaged blade, sloping shoulders and a convex base. The cross section is biconvex with edge abrading on the stem and no beveling. The tip has been carried away

by an impact fracture. Maximum dimensions are $3.1 \text{ cm} \times 1.5 \text{ cm} \times 0.5 \text{ cm}$ and it weighs 3.1 g. The stem measures $1.4 \text{ cm} \times 1.4 \text{ cm}$ and comprises about 45% of the total length of the specimen. The raw material is heat-treated Burlington chert, which is found locally. Microscopic examination revealed no evidence of use-wear. This specimen is resharpened and most closely resembles the Table Rock Stemmed type, which is associated with the Late Archaic Period.

Artifact 1-11 is a dart point. It is a corner removed expanding stem specimen with a missing tip, a damaged blade, barbed shoulders and a damaged base. The cross section is biconvex with edge abrading on the base, stem and the remaining blade edge. There is no beveling. The tip has been carried away by an impact fracture. Maximum dimensions are 3.0 cm x 2.7 cm x 0.8 cm and it weighs 6.5 g. The stem is 1.1 cm long and comprises about 37% of the total length of the specimen. The raw material is heat-treated Burlington chert, which is found locally. Microscopic



examination revealed no evidence of use-wear. This specimen most closely resembles the Table Rock Stemmed type, which is associated with the Late Archaic Period.

Artifact 1-12 is a dart point stem. It is an expanding stem specimen with a missing tip and blade, corner removed missing shoulders and a straight base. The cross section is biconvex with edge abrading on the stem and no beveling. Maximum dimensions are 1.7 cm x 1.7 cm x 0.6 cm and it weighs 1.8 g. The raw material is heat-treated Burlington chert, which is found locally. Microscopic examination revealed no evidence of use-wear. This specimen most closely resembles the Table Rock Stemmed type, which is associated with the Late Archaic Period.

Artifact 1-13 is a dart point stem. It is an expanding stem specimen with a missing tip and blade, corner removed missing shoulders and a straight base. The cross section is biconvex with edge abrading on the stem and no beveling. Maximum dimensions are 1.3 cm x 1.6 cm x 0.4 cm and it weighs 1.0 g. The raw material is heat-treated Burlington chert, which is found locally. Microscopic examination revealed no evidence of use-wear. This specimen most closely resembles the Table Rock Stemmed type, which is associated with the Late Archaic Period.

Artifact 1-14 is a dart point stem. It is an expanding stem specimen with a missing tip and blade, corner removed missing shoulders and a damaged base. The cross section is biconvex with edge abrading on the stem and no beveling. The tip and blade have been carried away by an impact fracture. Maximum dimensions are $1.8 \text{ cm} \times 1.3 \text{ cm} \times 0.6 \text{ cm}$ and it weighs 1.4 g. The raw material is heat-treated Burlington chert, which is found locally. Microscopic examination revealed no evidence of use-wear. This specimen most closely resembles the Table Rock Stemmed type, which is associated with the Late Archaic Period.

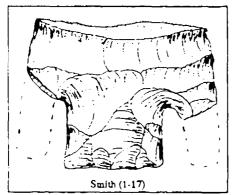


Artifact 1-15 is a bifacial knife. It is an expanding stem corner removed specimen with a missing tip, a damaged blade, sloping shoulders and a convex base. The cross section is biconvex with edge abrading on the stem and no beveling. Maximum dimensions are 3.9 cm x 2.5 cm x 0.7 cm and it weighs 6.2 g. The stem measures 1.2 cm x 1.3 cm and comprises about 31% of the total length of the specimen. The raw material is heat-treated Burlington chert, which is found locally. Microscopic examination revealed wear resulting from cutting meat with bone contact. This specimen is resharpened and most closely resembles the Table Rock Stemmed type, which is associated with the Late Archaic Period.

Artifact 1-16 is a dart point. It is an expanding stem corner removed specimen with a missing tip, a damaged blade, sloping shoulders and a straight base. The cross section is biconvex with edge abrading on the stem and no beveling. The tip has been carried away by an impact fracture. Maximum dimensions are 3.1 cm x 1.6 cm x 0.7 cm and it weighs 3.7 g. The stem measures 1.0 cm x 1.4 cm and comprises about 32% of the total length of the specimen. The raw material is heat-treated Reeds Spring chert, which is found in southwest Missouri and northwest Arkansas into northeast Oklahoma and extreme southeast Kansas.



Microscopic examination revealed no evidence of use-wear. This specimen is exhausted and most closely resem! les the Table Rock Stemmed type, which is associated with the Late Archaic Period.



Artifact 1-17 is a bifacial knife. It is a parallel stem specimen with a missing tip, a damaged blade, basal notches, barbed shoulders and a straight base. The cross section is biconvex with no edge abrading and no beveling. Maximum dimensions are 3.8 cm x 5.0 cm x 1.1 cm and it weighs 22.3 g. The stem measures 1.6 cm x 2.7 cm and comprises about 42% of the total length of the specimen. The raw material is Burlington chert, which is found locally. Microscopic examination revealed wear resulting

from cutting meat with bone contact. This specimen most closely resembles the Smith type, which is associated with the Late Archaic Period.

Artifact 1-18 is a bifacial knife base. It is a parallel stem specimen with a missing tip and blade, basal notches, barbed shoulders and a straight base. The cross section is biconvex with edge abrading on the stem and no beveling. Maximum dimensions are 2.5 cm x 2.9 cm x 0.6 cm and it weighs 3.8 g. The stem measures 1.2 cm x 2.0 cm and comprises about 48% of the total length of the specimen. The raw material is Keokuk chert, which is abundant further south but may be available locally in highly restricted

areas. Microscopic examination revealed no evidence of use-wear. This specimen most closely resembles the Smith type, which is associated with the Late Archaic Period.



Artifact 1-19 is an arrow point. It is an expanding stem corner removed specimen with a pointed tip, a straight blade, square shoulders and a straight base. The cross section is biconvex with no edge abrading and no beveling. Maximum dimensions are 3.2 cm x 1.7 cm x 0.7 cm and it weighs 3.2 g. The stem measures 0.7 cm x 1.1 cm and comprises about 22% of the total length of the specimen. The raw material is heat-treated Burlington chert, which is found locally. Microscopic examination revealed no evidence of use-wear. This specimen is an unclassified type possibly associated with the Late Woodland Period. It

is rather thick for an arrow point and it is possible "at it could have served as a dart point. However, the hafting area seems too small.

Artifact 1-20 is a bifacial knife. It is an expanding stem specimen with a missing tip, a damaged blade, corner notches, barbed shoulders and a convex base. The cross section is biconvex with no edge abrading and no beveling. Maximum dimensions are 3.5 cm x 3.0 cm x 0.6 cm and it weighs 7.3 g. The stem measures 1.0 cm x 2.2 cm and comprises about 29% of the total length of the specimen. The raw material is Jefferson City chert, which is found locally in the deeper valleys. Microscopic examination revealed wear resulting from cutting meat without bone contact. This specimen is an unclassified type,



which is associated with the Mississippi Period. Dickson (1991:174) reports four similar specimens from a Late Caddoan context at the Albertson site in northwest Arkansas.



Artifact 1-21 is a dart point. It is a corner removed contracting stem specimen with a missing tip, a damaged blade, square shoulders and a convex base. The cross section is biconvex with edge abrading on the stem and no beveling. The tip has been carried away by an impact fracture. Maximum dimensions are 5.9 cm x 2.3 cm x 0.7 cm and it weighs 10.3 g. The stem measures 1.7 cm x 1.5 cm and comprises about 29% of the total length of the specimen. The raw material is Burlington chert, which is found locally. Microscopic

examination revealed no evidence of use-wear. This specimen most closely resembles the Table Rock Pointed Stem type, which is associated with the Loftin phase of the Mississippi Period (Chapman 1980:313).

Artifact 1-22 is a bifacial knife. It is an expanding stem specimen with a pointed tip, a straight blade, corner notches, barbed shoulders and a damaged base. The cross section is



biconvex with edge abrading on the base and stem and no beveling. Maximum dimensions are 3.3 cm x 2.1 cm x 0.6 cm and it weighs 3.6 g. The stem measures 1.0 cm x 1.6 cm and comprises about 30% of the total length of the specimen. The raw material is Jefferson City chert, which is found locally in the deeper valleys. Microscopic examination revealed wear resulting from cutting meat without bone contact. This specimen is resharpened and most closely resembles the Kings Corner Notched type, which is associated with the Woodland periods.

Artifact 1-23 is a bifacial knife/scraper. It is a contracting stem specimen with a missing tip, an excurvate blade, no notches, sloping shoulders and a missing base. The cross section is biconvex with edge abrading on the stem and no beveling. Maximum dimensions are 4.8 cm x 3.3 cm x 0.6 cm and it veighs 9.4 g. The raw material is heat-treated Burlington chert, which is found locally. Microscopic examination revealed wear resulting from cutting meat without bone contact and from scraping vet hide. This specimen is either a Langtry or Gary type, both of which are associated with the Late Archaic through Woodland periods. Because the basal part of the contracting stem is missing, one cannot tell whether a Langtry or Gary biface is involved.



Artifact 1-24 is a bifacial drill proximal. It is an unstemmed specimen with a missing tip and blade, no notches, no shoulders and a convex base. The cross section is biconvex with no edge abrading and no beveling. Maximum dimensions are 1.4 cm x 2.5 cm x 0.4 cm and it weighs 1.8 g. The raw material is heat-treated Burlington chert, which is found locally. Microscopic examination revealed

wear resulting from perforating. There is much bright polish on the base due to holding in the hand. This specimen is an unclassified type not associated with a specific cultural period.

Artifact 1-25 is a bifacial drill distal. It is an unstemmed specimen with a pointed tip, an excurvate blade, no notches, no shoulders and a missing base. The cross section is rhomboidal with no edge abrading and beveling on the right blade edge. Maximum dimensions are 3.1 cm x 0.8 cm x 0.3 cm and it weighs 1.3 g. The raw material is Keokuk chert, which is abundant further south but may be available locally in highly restricted areas. Microscopic examination revealed wear resulting from perforating. This specimen is an unclassified type not associated with a specific cultural period.

Artifact 1-26 is a biface stem. It is an corner removed expanding stem specimen with a missing tip and blade, missing shoulders and a straight base. The cross section is biconvex with edge abrading on the stem and no beveling. Maximum dimensions are 1.8 cm x 2.1 cm x 0.7 cm and it weighs 2.2 g. The stem measures 0.5 cm x 2.1 cm and comprises about 28% of the total length of the specimen. The raw material is Burlington chert, which is found locally. Microscopic examination revealed no evidence of use-wear. This specimen most closely resembles the Kings Corner Notched type, which is associated with the Late Archaic Late Archaic through periods.

Artifact 1-28 is a projectile point/knife. It is an expanding stem specimen with a missing tip, a damaged blade, corner notches, barbed shoulders and a damaged base. The cross section is biconvex with no edge abrading and no beveling. The tip has been carried away by an impact fracture. Maximum dimensions are 3.5 cm x 3.5 cm x 0.7 cm and it weighs 11.3 g. The raw material is heat-treated Burlington chert, which is found locally. Microscopic examination revealed wear resulting from cutting meat with bone contact. This specimen most closely resembles the Grand type, which is associated with the Middle Woodland Period.





Artifact 1-33 is a preform. It is an unstemmed specimen with a rounded tip, an excurvate blade, no notches, no shoulders and a convex base. The cross section is biconvex with no edge abrading and no beveling. Maximum dimensions are 2.4 cm x 1.0 cm x 0.3 cm and it weighs 0.8 g. The raw material is heat-treated Burlington chert, which is found locally. Microscopic examination revealed no evidence of use-wear. This specimen is an unclassified type possibly associated with the Woodland or Mississippi Period.

Artifact 1-34 is a preform proximal. It is a parallel stem specimen with a missing tip, a damaged blade, corner notches, barbed shoulders and a straight base. The cross section is biconvex with edge abrading on the blade and no beveling. Maximum dimensions are 4.0 cm x 3.6 cm x 1.0 cm and it weighs 18.2 g. The stem measures 0.7 cm x 2.3 cm and comprises about 18% of the total length of the specimen. The raw material is Burlington chert, which is found locally. Microscopic examination revealed no evidence of use-wear. This specimen is an unclassified type possibly associated with the Late Archaic Period.

Artifact 1-35 is a stemmed biface proximal. It is a corner removed parallel stem specimen with a missing tip and blade, sloping shoulders and a straight base. The cross section is biconvex with no edge abrading and no beveling. Maximum dimensions are 3.4 cm x 3.8 cm x 0.8 cm and it weighs 10.1 g. The stem measures 1.3 cm x 2.4 cm and comprises about 38% of the total length of the specimen. The raw material is heat-treated Burlington chert, which is found locally. Microscopic examination revealed no evidence of use-wear. This specimen is an unclassified type possibly associated with the Late Archaic Period.

Artifact 1-36 is a bifacial knife. It is an unstemmed specimen with a rounded tip, an excurvate blade, no notches, no shoulders and a convex base. The cross section is biconvex with no edge abrading and no beveling. Maximum dimensions are $5.1 \text{ cm } \times 3.2 \text{ cm } \times 0.5 \text{ cm}$ and it weighs 8.5 g. The raw material is heat-treated Burlington chert, which is found locally. Microscopic examination revealed wear resulting from cutting meat with

bone contact. This specimen is an unclassified type not associated with a specific cultural period.

Artifact 1-37 is a bifacial side and end scraper. It is an unstemmed specimen with a rounded tip, an excurvate blade, no notches, no shoulders and a convex base. The cross section is plano-convex with no edge abrading and unifacial beveling. Maximum dimensions are $4.8 \text{ cm} \times 3.7 \text{ cm} \times 0.7 \text{ cm}$ and it weighs 16.3 g. The raw material is heat-treated Burlington chert, which is found locally. Microscopic examination revealed wear resulting from scraping wet hide. This specimen is an unclassified type possibly associated with the Woodland Period.

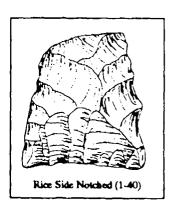




Artifact 1-39 is a stemmed biface proximal. It is an expanding stem specimen with a missing tip, a damaged blade, side notches (more a side constriction near the base than true notching), sloping shoulders and a straight base. The cross section is biconvex with no edge abrading and no beveling. Maximum dimensions are 3.4 cm x 3.5 cm x 0.8 cm and it weighs 11.8 g. The stem measures 1.8 cm x 2.7 cm and comprises about 53% of the total length of the specimen. The raw material is heat-treated Burlington chert, which is found locally. Microscopic examination revealed no evidence of

use-wear. This specimen most closely resembles the Copena type, which is associated with the Woodland Period.

Artifact 1-40 is a bifacial knife. It is an expanding stem specimen with a missing tip, a damaged blade, side notches, no shoulders and a concave base. The cross section is rhomboidal with edge abrading on the base and stem and beveling on the right blade edge. Maximum dimensions are 3.4 cm x 3.2 cm x 0.7 cm and it weighs 9.2 g. The stem measures 1.3 cm x 3.2 cm and comprises about 38% of the total length of the specimen. The raw material is heat-treated Burlington chert, which is found locally. Microscopic examination revealed wear resulting from cutting meat with bone contact. This specimen is



resharpened and most closely resembles the Rice Side Notched type, which is associated with the Woodland Period.

Artifact 1-43 is a bifacial linife. It is an unstemmed specimen with a missing tip, an asymmetrical blade, no notches, no shoulders and a convex base. The cross section is plano-convex with no edge abrading and no beveling. Maximum dimensions are 5.5 cm x 4.2 cm x 0.9 cm and it weighs 20.7 g. The raw material is Burlington chert, which is

found locally. Microscopic examination revealed wear resulting from cutting meat with bone contact. This specimen is an unclassified type not associated with a specific cultural period.

Artifact 1-44 is a bifacial knife proximal. It is an expanding stem specimen with a missing tip and blade, side notches, sloping shoulders and a damaged base. The cross section is biconvex with no edge abrading and no beveling. Maximum dimensions are 4.4 cm x 3.7 cm x 1.0 cm and it weighs 17.6 g. The stem measures 1.8 cm x 2.8 cm and comprises about 41% of the total length of the specimen. The raw material is Burlington chert, which is found locally. Microscopic examination revealed wear resulting from cutting meat with bone contact. This specimen most closely resembles the Copena type, which is associated with the Woodland Period.



Artifact 1-45 is a stemmed biface. It is an expanding stem specimen with a missing tip, a damaged blade, side notches, sloping shoulders and a damaged base. The cross section is biconvex with no edge abrading and no beveling. Maximum dimensions are 4.1 cm x 2.5 cm x 0.8 cm and it weighs 8.4 g. The stem measures 1.6 cm x 2.4 cm and comprises about 39% of the total length of the specimen. The raw material is Burlington chert, which is found locally. Microscopic examination revealed battering but no evidence of usewear. This specimen is exhausted and most closely resembles the Copena type, which is associated with the Woodland Period.

Artifact 1-46 is an ovate unifacial side scraper proximal. It is an unstemmed specimen with a missing tip, an excurvate blade, no notches, no shoulders and a convex base. The cross section is plano-convex with no edge abrading and unifacial beveling. Maximum dimensions are 5.2 cm x 4.3 cm x 1.1 cm and it weighs 26.4 g. The raw material is Burlington chert, which is found locally. Microscopic examination revealed wear resulting from scraping wet hide. This specimen is an unclassified type typical of the Middle Woodland, although similar specimens are found in the Late Woodland.

Artifact 1-47 is a bifacial knife distal. It is an unstemmed specimen with a pointed tip, an excurvate blade, no notches, no shoulders and a missing base. The cross section is biconvex with no edge abrading and no beveling. Maximum dimensions are 5.0 cm x 2.3 cm x 0.7 cm and it weighs 8.5 g. The raw material is Burlington chert, which is found locally. Microscopic examination revealed wear resulting from cutting meat with bone contact. This specimen is an unclassified type not associated with a specific cultural period.

Artifact 1-50 is a preform. It is an unstemmed specimen with a rounded tip, an excurvate blade, no notches, no shoulders and a convex base. The cross section is biconvex with no edge abrading and no beveling. Maximum dimensions are $2.3 \, \text{cm} \times 1.4 \, \text{cm} \times 0.4 \, \text{cm}$ and it weighs 1.3 g. The raw material is heat-treated Burlington chert, which is found locally. Microscopic examination revealed no evidence of use-wear. This

specimen is an unclassified type possibly associated with the Woodland -Mississippi Period.

Artifact 1-52 is a stemmed biface proximal. It is a parallel stem specimen with a missing tip and blade, basal notches, barbed shoulders and a damaged base. The cross section is biconvex with no edge abrading and no beveling. Maximum dimensions are 2.7 cm x 1.8 cm x 1.1 cm and it weighs 5.5 g. The stem is 0.7 cm long and comprises about 26% of the total length of the specimen. The raw material is Burlington chert, which is found locally. Microscopic examination revealed no evidence of use-wear. This specimen is an unclassified type possibly associated with the Late Archaic Period. This notched fragment is difficult to analyze. Looked at from one angle, it seems to be basally notched, similar to the Ouachita point but with shallower notches. From another angle, it resembles a corner notched Gibson point, but it is too thick.

Artifact 1-53 is an arrow point. It is an expanding stem specimen with a missing tip, a damaged blade, corner notches, barbed shoulders and a straight base. The cross section is biconvex with no edge abrading and no beveling. Maximum dimensions are 1.4 cm x 1.1 cm x 0.3 cm and it weighs 0.6 g. The stem measures 0.6 cm x 0.8 cm and comprises about 43% of the total length of the specimen. The raw material is heat-treated Burlington chert, which is found locally. Microscopic examination revealed no evidence of use-wear. This specimen is resharpened and most closely resembles the Scallorn type, which is associated with the Late Woodland through Mississippi periods.

Artifact 1-54 is an arrow point. It is an expanding stem specimen with a missing tip, an incurvate blade, corner removed barbed shoulders and a straight base. The cross section is plano-convex with no edge abrading and unifacial beveling. Maximum dimensions are 1.9 cm x 1.1 cm x 0.4 cm and it weighs 0.6 g. The stem measures 0.5 cm x 0.7 cm and comprises about 26% of the total length of the specimen. The raw material is heat-treated Burlington chert, which is found locally. Microscopic examination revealed no evidence of use-wear. This specimen is resharpened and most closely resembles the Scallorn type, which is associated with the Late Woodland through Mississippi Period.

Artifact 1-55 is an arrow point. It is an expanding stem specimen with a missing tip, a damaged blade, corner notches, square shoulders and a straight base. The cross section is biconvex with no edge abrading and no beveling. The tip has been carried away by an impact fracture. Maximum dimensions are 2.4 cm x 1.2 cm x 0.4 cm and it weighs 1.2 g. The stem measures 0.6 cm x 1.0 cm and comprises about 25% of the total length of the specimen. The raw material is heat-treated Burlington chert, which is found locally. Microscopic examination revealed no evidence of use-wear. This specimen most closely resembles the Scallom type, which is associated



This specimen most closely resembles the Scallorn type, which is associated with the Late Woodland through Mississippi Period.

Artifact 1-56 is an arrow point. It is an expanding stem specimen with a missing tip, an incurvate blade, corner notches, barbed shoulders and a straight base. The cross

section is biconvex with no edge abrading and no beveling. Maximum dimensions are 2.1 cm x 1.3 cm x 0.4 cm and it weighs 1.0 g. The stem measures 0.6 cm x 0.9 cm and comprises about 29% of the total length of the specimen. The raw material is heat-treated Burlington chert, which is found locally. Microscopic examination revealed no evidence of use-wear. This specimen is resharpened and most closely resembles the Scallorn type, which is associated with the Late Woodland through Mississippi periods.



Artifact 1-57 is an arrow point. It is an expanding stem specimen with a missing tip, an incurvate blade, side notches, square shoulders and a convex base. The cross section is biconvex with no edge abrading and no beveling. Maximum dimensions are 2.0 cm x 1.1 cm x 0.3 cm and it weighs 0.6 g. The stem measures 0.6 cm x 1.0 cm and comprises about 30% of the total length of the specimen. The raw material is Keokuk chert, which is abundant further south but may be available locally in highly restricted areas.

Microscopic examination revealed no evidence of use-wear. This specimen is resharpened and most closely resembles the Scallorn type, which is associated with the Late Woodland through Mississippi periods.

Artifact 1-58 is an arrow point. It is an expanding stem specimen with a missing tip, a damaged blade, corner notches, barbed shoulders and a straight base. The cross section is biconvex with no edge abrading and no beveling. Maximum dimensions are $1.4 \text{ cm } \times 1.1 \text{ cm } \times 0.3 \text{ cm}$ and it weighs 0.7 g. The stem measures $0.6 \text{ cm } \times 0.7 \text{ cm}$ and comprises about 43% of the total length of the specimen. The raw material is Burlington chert, which is



found locally. Microscopic examination revealed no evidence of use-wear. This specimen most closely resembles the Scallorn type, which is associated with the Late Woodland through Mississippi periods.



Artifact 1-59 is an arrow point. It is an expanding stem specimen with a missing tip, a damaged blade, corner notches, barbed shoulders and a convex base. The cross section is plano-convex with no edge abrading and no beveling. The tip has been carried away by an impact fracture. Maximum dimensions are $1.7 \, \text{cm} \times 1.2 \, \text{cm} \times 0.3 \, \text{cm}$ and it weighs $0.6 \, \text{g}$. The stem measures $0.5 \, \text{cm} \times 0.6 \, \text{cm}$ and comprises about 29% of the total length of the specimen. The raw material is heat-treated Jefferson City

chert, which is found locally in the deeper valleys. Microscopic examination revealed no evidence of use-wear. This specimen is a variant of the Scallorn type, which is associated with the Late Woodland through Mississippi periods.

Artifact 1-60 is an arrow point. It is an expanding stem specimen with a missing tip, a damaged blade, corner notches, barbed shoulders and a convex base. The cross section is plano-convex with no edge abrading and no beveling. Maximum dimensions are 1.6 cm x 1.0 cm x 0.3 cm and it weighs 0.5 g. The stem measures 0.6 cm x 0.8 cm and comprises about 38% of the total length of the specimen. The raw material is heat-treated Burlington



chert, which is found locally. Microscopic examination revealed no evidence of use-wear. This specimen most closely resembles the Scallorn type, which is associated with the Late Woodland through Mississippi periods.

Artifact 1-61 is an arrow point. It is an expanding stem specimen with a missing tip, a damaged blade, corner removed damaged shoulders and a straight base. The cross section is biconvex with no edge abrading and no beveling. Maximum dimensions are 1.6 cm x 0.8 cm x 0.3 cm and it weighs 0.5 g. The stem measures 0.6 cm x 0.8 cm and comprises about 38% of the total length of the specimen. The raw material is heat-treated Burlington chert, which is found locally. Microscopic examination revealed no evidence of use-wear. This specimen is resharpened and most closely resembles the Scallorn type, which is associated with the Late Woodland through Mississippi periods.



Artifact 1-62 is an arrow point. It is an expanding stem specimen with a pointed tip, an incurvate blade, side notches, square shoulders and a convex base. The cross section is plano-convex with no edge abrading and unifacial beveling. Maximum dimensions are 1.5 cm x 0.9 cm x 0.2 cm and it weighs 0.3 g. The stem measures 0.5 cm x 0.7 cm and comprises about 33% of the total length of the specimen. The raw material is heat-treated Burlington

chert, which is found locally. Microscopic examination revealed no evidence of use-wear. This specimen is resharpened since the shoulders flare straight out from above the notches. The stem is bulb-like, suggestive of the Alba type, which is associated with the Mississippi Period.

Artifact 1-63 is an arrow point. It is an expanding stem specimen with a missing tip, a damaged blade, side notches, sloping shoulders and a convex base. The cross section is diamond-shaped with no edge abrading and no beveling. Maximum dimensions are 2.5 cm x 1.0 cm x 0.4 cm and it weighs 0.8 g. The stem measures 0.8 cm x 0.8 cm and comprises about 32% of the total length of the specimen. The raw material is Burlington chert, which is found locally. Microscopic examination revealed no evidence of use-wear. This arrow point differs from the Scallorn type in having a longer stem that is parallel for two thirds of its length before flaring out. This specimen is an unclassified type possibly associated with the Late Woodland through Mississippi periods.



Artifact 1-64 is an arrow point. It is an expanding stem specimen with a pointed tip, an asymmetrical blade, side notches, square shoulders and a damaged base. The cross section is plano-convex with no edge abrading and unifacial beveling. Maximum dimensions are 3.0 cm x 1.1 cm x 0.4 cm and it weighs 1.1 g. The stem is 0.7 cm long and comprises about 23% of the total length of the specimen. The raw material is heat-treated Burlington chert, which is found locally. Microscopic examination revealed no evidence of use-wear. This specimen is an unclassified type possibly associated with the Late Woodland through Mississippi periods.

Artifact 1-65 is an arrow point stem. It is an expanding stem specimen with a missing tip and blade, side notches, missing shoulders and a damaged base. The cross section is irregular with no edge abrading and no beveling. The tip and much of the blade have been carried away by an impact fracture. Maximum dimensions are 1.3 cm x 1.0 cm x 0.4 cm and it weighs 0.4 g. The stem measures 0.7 cm x 0.0 cm and comprises about 54% of the total length of the specimen. The raw material is heat-treated Burlington chert, which is found locally. Microscopic examination revealed no evidence of use-wear. This specimen most closely resembles the Scallorn type, which is associated with the Late Woodland through Mississippi periods.

Artifact 1-67 is an arrow point tip. It has a missing tip, a damaged blade, no notches, no shoulders and a missing stem and base. The cross section is biconvex with no edge abrading and no beveling. Maximum dimensions are 1.4 cm x 0.8 cm x 0.1 cm and it weighs 0.2 g. The raw material is Jefferson City chert, which is found locally in the deeper valleys. Microscopic examination revealed no evidence of use-wear. This specimen is an unclassified type possibly associated with the Mississippi Period.

Artifact 1-68 is a preform. It is an unstemmed specimen with a rounded tip, an excurvate biade, no notches, no shoulders and a convex base. The cross section is rhomboidal with no edge abrading and beveling on the left edge of the blade. Maximum dimensions are 3.5 cm x 1.4 cm x 0.6 cm and it weighs 2.8 g. The raw material is Burlington chert, which is found locally. Microscopic examination revealed no evidence of use-wear. This specimen is an unclassified type possibly associated with the Late Woodland through Mississippi periods.

23PO374

23PO374 is a prehistoric habitation exhibiting evidence of Late Archaic and Late Woodland Period occupations. It was recorded by Howard Wimmer in 1985 when he collected 19 artifacts weighing 937.4 g. These included 1 core (154.7 g), 3 bifacial knife fragments (27.3 g), 6 bifacial knives (54.3 g), 1 flake knife (28.1 g), 1 knife/scraper (25.9 g), 1 preform fragment (33.4 g), 4 preforms (539.3 g) and 2 bifacial end scrapers (74.4 g).

Artifact 1-4 is a bifacial knife/scraper. It is an unstemmed specimen with a missing tip, a damaged blade, no notches, no shoulders and a convex base. The cross section is biconvex with no edge abrading and unifacial beveling. Maximum dimensions are 5.3 cm x 4.4 cm x 1.0 cm and it weighs 25.9 g. The raw material is heat-treated Burlington chert, which is found locally. Microscopic examination revealed wear resulting from cutting meat without bone contact and from scraping wood. This specimen is an unclassified type, which is associated with the Woodland Period.

Artifacts cataloged as 1-6 include three bifacial knife midsections. These are unstemmed specimens with missing tips, damaged blades, no notches, no shoulders and missing bases. The cross sections are irregular with no edge abrading and no beveling. Together, they weigh 27.3 g. The raw material include Jefferson City and both plain and

heat-treated Burlington chert, which is found locally. Microscopic examination revealed wear resulting from cutting meat without bone contact. These specimen are of an unclassified type not associated with a specific cultural period.



Artifact 1-8 is a bifacial knife. It is a paralle! stem specimen with a pointed tip, a recurved blade, corner removed square shoulders and a straight base. The cross section is biconvex with edge abrading on the stem and no beveling. Maximum dimensions are 4.3 cm x 3.2 cm x 0.6 cm and it weighs 8.6 g. The stem measures 1.0 cm x 2.6 cm and comprises about 23% of the total length of the specimen. The raw material is heat-treated Burlington chert, which is found locally. Microscopic examination revealed wear resulting from cutting meat without bone contact. This specimen is a variant of the Afton type, which is associated with the Late Archaic

Period. It has the typical angular blade edges of the Afton, but the shoulders are unusually narrow and the stem more square than is usual. Very little use wear is evident in the lower concave areas, but much use polish and rounding is present on the tip margins above this. Possibly the haft binding was also in the concave area just above the shoulders and the blade originally was much longer.

Artifact 1-9 is a bifacial knife. It is an expanding stem specimen with a missing tip, a damaged blade, corner notches, barbed shoulders and a damaged base. The cross section is biconvex with no edge abrading and no beveling. Maximum dimensions are 3.2 cm x 3.3 cm x 0.6 cm and it weighs 8.2 g. The stem is 1.6 cm long and comprises about 50% of the total length of the specimen. The raw material is heat-treated Burlington chert, which is found locally. Microscopic examination revealed wear resulting from cutting meat with bone contact. This specimen is resharpened and most closely resembles the Lander Corner Notched type, which is associated with the Woodland Period.



Artifact 1-10 is a bifacial end scraper. It is an unstemmed specimen with a rounded tip, an excurvate blade, no notches, no shoulders and a convex base. The cross section is biconvex with no edge abrading and unifacial beveling. Maximum dimensions are 6.0 cm x 4.4 cm x 1.1 cm and it weighs 38.3 g. The raw material is heat-treated Burlington chert, which is found locally. Microscopic examination revealed wear resulting from scraping wet hide. Both ends have been unifacially beveled and used as scrapers and there is use polish on the unbeveled sides as well. This specimen is resharpened and is an unclassified type possibly associated with the Woodland Period.

Artifact 1-11 is a bifacial end scraper. It is an unstemmed specimen with a missing tip, an excurvate blade, no notches, no shoulders and a convex base. The cross section is

plano-convex with no edge abrading and unifacial beveling. Maximum dimensions are 5.0 cm x 5.0 cm x 1.4 cm and it weighs 36.1 g. The raw material is Jefferson City chert, which is found locally in the deeper valleys. Microscopic examination revealed wear resulting from scraping wet hide. This specimen is resharpened and is an unclassified type possibly associated with the Woodland Period.

Artifact 1-13 is a flake knife. Maximum dimensions are $7.9 \text{ cm} \times 3.5 \text{ cm} \times 0.8 \text{ cm}$ and it weighs 28.1 g. The raw material is Burlington chert, which is found locally. This specimen is an elongated blade-like flake with much damage on the margins indicative of arduous cutting of a hard substance, probably bone or antler.

Artifact 1-14 is a bifacial knife. It is an expanding stem specimen with a pointed tip, a straight blade, side notches, sloping shoulders and a straight base. The cross section is biconvex with edge abrading on the stem and no beveling. Maximum dimensions are 5.6 cm x 2.8 cm x 0.9 cm and it weighs 11.4 g. The stem measures 1.8 cm x 2.8 cm and comprises about 32% of the total length of the specimen. The raw material is heat-treated Burlington chert, which is found locally. Microscopic examination revealed wear resulting from cutting meat without bone contact. This specimen is resharpened and most closely resembles the Rice Side Notched type, which is associated with the Woodland Period.



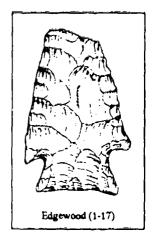
Artifact 1-15 is a bifacial knife. It is an expanding stem specimen with a missing tip, a damaged blade, side notches, sloping shoulders and a concave base. The cross section is biconvex with no edge abrading and no beveling. Maximum dimensions are 3.5 cm x 3.5 cm x 0.7 cm and it weighs 10.1 g. The stem measures 1.6 cm x 3.4 cm and comprises about 46% of the total length of the specimen. The raw material is heattreated Burlington chert, which is found locally. Microscopic examination revealed wear resulting from cutting meat without bone contact. This specimen is resharpened and most closely

resembles the Rice Side Notched type, which is associated with the Woodland Period.

Artifact 1-16 is a bifacial knife. It is an expanding stem specimen with a missing tip, a damaged blade, corner notches, barbed shoulders and a straight base. The cross section is irregular with no edge abrading and no beveling. Maximum dimensions are 2.8 cm x 3.5 cm x 0.7 cm and it weighs 8.2 g. The stem measures 0.9 cm x 2.5 cm and comprises about 32% of the total length of the specimen. The raw material is Jefferson City chert, which is found locally in the deeper valleys. Microscopic examination revealed wear resulting



from cutting meat without bone contact. This specimen is a variant of the Stone Corner Notched type, which is associated with the Late Archaic Period.



Artifact 1-17 is a bifacial knife. It is an expanding stem specimen with a missing tip, a straight blade, corner removed barbed shoulders and a concave base. The cross section is biconvex with edge abrading on the stem and no beveling. Maximum dimensions are 4.2 cm x 2.8 cm x 0.6 cm and it weighs 7.8 g. The stem measures 1.1 cm x 2.1 cm and comprises about 26% of the total length of the specimen. The raw material is heat-treated Jefferson City chert, which is found locally in the deeper valleys. Microscopic examination revealed wear resulting from cutting meat with bone contact. This specimen most closely resembles the Edgewood type, which is associated with the Late Archaic Period.

23PO375

23PO375 is a prehistoric habitation exhibiting evidence of Middle Woodland and Mississippi Period occupations. It was recorded by Howard Wimmer in 1985 when he collected 18 artifacts weighing 339.7 g. These included 1 arrow point (0.9 g), 1 stemmed biface fragment (8.0 g), 1 core (60.9 g), 1 dart point fragment (6.3 g), 5 bifacial knife fragments (54.0 g), 2 bifacial knives (23.3 g), 1 knife/scraper (19.4 g), 2 preform fragments (43.5 g), 1 sandstone & hematite (38.7 g), 1 bifacial end scraper fragment (32.6 g), 1 flake scraper fragment (17.1 g) and 1 unifacial scraper side fragment (35.0 g).

Artifact 1-2 is a bifacial knife. It is a corner removed contracting stem specimen with a pointed tip, an asymmetrical blade, sloping shoulders and a convex base. The cross section is biconvex with edge abrading on the stem and no beveling. Maximum dimensions are 6.7 cm x 3.3 cm x 0.5 cm and it weighs 12.5 g. The stem measures 1.8 cm x 2.2 cm and comprises about 27% of the total length of the specimen. The raw material is Burlington chert, which is found locally. Microscopic examination revealed wear resulting from cutting meat with bone contact. This specimen is resharpened and most closely resembles the Waubesa type, which is associated with the Woodland Period.

Artifact 1-3 is a bifacial knife. It is a corner removed contracting stem specimen with a missing tip, a damaged blade, square shoulders and a damaged base. The cross section is



rhomboidal with no edge abrading and beveling on the right blade edge. Maximum dimensions are 4.6 cm x 2.9 cm x 0.8 cm and it weighs 10.8 g. The raw material is heattreated Burlington chert, which is found locally. Microscopic examination revealed wear resulting from cutting meat without bone contact. This specimen is resharpened and most closely resembles the Waubesa or Langtry type, which are associated with the Late Archaic through Woodland periods.



Artifact 1-4 is a bifacial knife proximal. It is a contracting stem corner removed specimen with a missing tip, a damaged blade, square shoulders and a concave base. The cross section is biconvex with edge abrading on the stem and no beveling. Maximum dimensions are $3.3 \text{ cm} \times 2.8 \text{ cm} \times 0.7 \text{ cm}$ and it weighs 7.5 g. The stem measures $2.0 \text{ cm} \times 2.4 \text{ cm}$ and comprises about 61% of the total length of the specimen. The raw material is Jefferson City chert, which is found locally in the deeper valleys. Microscopic examination revealed wear resulting from cutting meat with bone

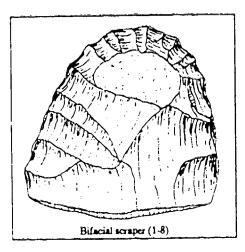
contact. This specimen most closely resembles the Dickson type, which is associated with the Woodland Period.

Artifact 1-5 is a bifacial knife/scraper. It is an expanding stem specimen with a rounded tip, an excurvate blade, side notches, sloping shoulders and a convex base. The cross section is biconvex with no edge abrading and no beveling. Maximum dimensions are 5.5 cm x 3.6 cm x 1.0 cm and it weighs 19.4 g. The stem measures 1.9 cm x 2.9 cm and comprises about 35% of the total length of the specimen. The raw material is heat-treated Burlington chert, which is found locally. Microscopic examination revealed wear resulting from cutting meat with bone contact and from scraping dry hide. This specimen most closely resembles the Lander Corner Notched type, which is associated with the Woodland Period.



Artifact 1-6 is a dart point stem. It is an expanding stem specimen with a missing tip and blade, corner notches, damaged shoulders and a straight base. The cross section is biconvex with no edge abrading and no beveling. The tip and blade have been carried away by an impact fracture. Maximum dimensions are $2.6 \text{ cm } \times 3.0 \text{ cm } \times 0.7 \text{ cm}$ and it weighs 6.3 g. The stem measures 1.1 cm x 2.3 cm and comprises about 42% of the total length of the specimen. The raw material is heat-treated Burlington chert, which is found locally. Microscopic examination revealed no evidence of use-wear. This specimen is exhausted and most closely resembles the Stone Corner Notched type, which is associated with the Late Archaic Period.

Artifact 1-7 is a stemmed biface proximal. It is an expanding stem specimen with a missir g tip and blade, corner notches, square shoulders and a damaged base. The cross section is biconvex with no edge abrading and no beveling. Maximum dimensions are 2.3 cm x 3.7 cm x 0.8 cm and it weighs 8.0 g. The stem is 1.0 cm long and comprises about 43% of the total length of the specimen. The raw material is heat-treated Burlington chert, which is found locally. Microscopic examination revealed no evidence of use-wear. This specimen most closely resembles the Stone Corner Notched type, which is associated with the Late Archaic Period.

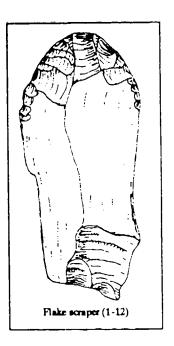


Artifact 1-8 is a bifacial end scraper distal. It is an unstemmed specimen with a rounded tip, an excurvate blade, no notches, no shoulders and a missing base. The cross section is plano-convex with no edge abrading and unifacial beveling. Maximum dimensions are 4.9 cm x 5.2 cm x 1.1 cm and it weighs 32.6 g. The raw material is Burlington chert, which is found locally. Microscopic examination revealed wear resulting from scraping wet hide. This specimen is resharpened and is an unclassified type, which is associated with the Woodland Period.

Artifact 1-9 is a bifacial knife midsection. It has a missing tip, a damaged blade, basal notches, barbed shoulders and a missing stem and base. The cross section is biconvex with no edge abrading and no beveling. It probably had a parallel stem because one short barb was formed by a basal notch. Maximum dimensions are 6.0 cm x 3.8 cm x 0.7 cm and it weighs 17.4 g. The raw material is Burlington chert, which is found locally. Microscopic examination revealed wear resulting from cutting meat with bone contact. This specimen is an unclassified type not associated with a specific cultural period.

Artifacts cataloged as 1-10 include three bifacial knife midsections. These are unstemmed specimens with missing tips, damaged blades, no notches, no shoulders and missing bases. The cross sections are irregular with no edge abrading and no beveling. Together, they weigh 29.1 g. The raw materials include Jefferson City and both plain and heat-treated Burlington chert. Microscopic examination revealed wear resulting from cutting meat with bone contact. This specimen is an unclassified type not associated with a specific cultural period.

Artifact 1-12 is a flake scraper. Maximum dimensions are 6.8 cm x 3.2 cm x 0.7 cm and it weighs 17.1 g. The raw material is Burlington chert, which is found locally. Microscopic examination revealed wear resulting from scraping wet hide. This specimen is not associated with a specific cultural period.



Artifact 1-13 is a unifacial side scraper midsection. It is an unstemmed specimen with a missing tip, a damaged blade, no notches, no shoulders and a missing base. The cross section is plano-convex with no edge abrading and unifacial beveling. Maximum dimensions are 6.5 cm x 5.0 cm x 1.4 cm and it weighs 35.0 g. The raw material is heat-treated Burlington chert, which is found locally. Microscopic examination revealed wear

resulting from scraping wood. This specimen is an unclassified type possibly associated with the Woodland Period.



Artifact 1-15 is an arrow point. It is an expanding stem corner removed specimen with a missing tip, a damaged blade, square shoulders and a concave base. The cross section is irregular with no edge abrading and no beveling. The tip has been carried away by an impact fracture. Maximum dimensions are 2.0 c n x 1.0 cm x 0.4 cm and it weighs 0.9 g. The stem measures 0.6 cm x 0.8 cm and comprises about 30% of the total length of the specimen. The raw material is heat-treated Burlington chert, which is found

locally. Microscopic examination revealed no evidence of use-wear. This specimen most closely resembles the Sallisaw type, which is associated with the Mississippi Period.

23PO376

23PO376 is a prehistoric habitation exhibiting evidence of Middle to Late Archaic and Middle Woodland Period occupations. It was recorded by Howard Wimmer in 1985 when he collected 13 artifacts weighing 120.8 g. These included 3 biface fragments (20.8 g), 1 stemmed biface fragment (2.0 g), 1 stemmed biface (8.9 g), 4 bifacial knife fragments (37.1 g), 1 bifacial knife (6.0 g) and 3 preform fragment s(46.0 g).

Artifact 1-1 is a bifacial knife proximal. It is an expanding stem specimen with a missing tip, a damaged blade, side notches, sloping shoulders and a concave base. The cross section is biconvex with edge abrading on the stem and no beveling. Maximum dimensions are 3.4 cm x 2.4 cm x 0.6 cm and it weighs 6.5 g. The stem measures 1.4 cm x 2.3 cm and comprises about 41% of the total length of the specimen. The raw material is Burlington chert, which is found locally. Microscopic examination revealed wear resulting from cutting meat with bone contact. This specimen is a variant of the Fairland type, which is associated with the Late Archaic Period.



Artifact 1-2 is a stemmed biface. It is a corner removed contracting stem specimen with a missing tip, a damaged blade, missing shoulders and a straight base. The cross section is biconvex with edge abrading on the stem and no beveling. Maximum dimensions are 3.9 cm x 3.2 cm x 0.6 cm and it weighs 8.9 g. The stem measures 1.8 cm



x 2.2 cm and comprises about 46% of the total length of the spreimen. The raw material is Burlington chert, which is found locally. Microscopic examination revealed no evidence of use-wear. This specimen most closely resembles the Dickson type, which is associated with the Woodland Period.

Artifact 1-3 is a bifacial knife. It is an expanding stem specimen with a missing tip, a damaged blade, corner notches, barbed shoulders and a straight base. The cross section is

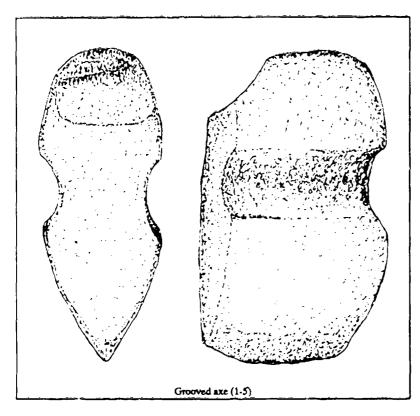
biconvex with edge abrading on the stem and no beveling. Maximum dimensions are 3.3 cm x 2.9 cm x 0.6 cm and it weighs 6.0 g. The stem is 1.2 cm long and comprises about 36% of the total length of the specimen. The raw material is Burlington chert, which is found locally. Microscopic examination revealed wear resulting from cutting meat with bone contact. This specimen is a variant of the Hardin type, which is associated with the Middle Archaic Period. This biface has the Hardin shape and ground stem, but the edges are not as carefully pressure flaked as typical for Early Archaic specimens. These are probably Middle Archaic in age.

Artifacts cataloged as 1-6 include three bifacial knife midsections. These are unstemmed specimens with missing tips, damaged blades, no notches, no shoulders and missing bases. The cross sections are irregular with no edge abrading and no beveling. Together, they weigh 30.6 g. The raw materials include Jefferson City, heat-treated Pierson and Burlington cherts. Microscopic examination revealed wear resulting from cutting meat with bone contact. These are of an unclassified type not associated with a specific cultural period.

23PO377

23PO377 is a prehistoric habitation exhibiting evidence of Late to Terminal Archaic, Middle to Late Woodland, Mississippi and Late Prehistoric Period occupations. It was recorded by Howard Wimmer in 1985 when he collected 110 artifacts weighing 3,172.2 g. These included 1 flat abrader (764.2 g), 1 adze (68.3 g), 2 arrow point fragments (1.6 g), 4 arrow points (4.0 g), 1 3/4 grooved axe (268.6 g), 22 biface fragments (174.7 g), 5 stemmed biface fragments (33.5 g), 1 stemmed biface (8.0 g), 1 chert, notched (11.5 g), 1 dart point fragment (8.7 g), 1 bifacial drili (18.8 g), 1 hematite (27.0 g), 9 bifacial knife fragments (61.1 g), 11 bifacial knives (125.6 g), 1 knife/scraper fragment (10.7 g), 1 knife/scraper (2.0 g), 28 preform fragments (550.9 g), 12 preforms (878.2 g), 3 projectile point/knives (29.1 g), 1 bifacial end scraper fragment (9.8 g), 1 bifacial end scraper (13.7 g), 1 unifacial scraper end (61.5 g) and 1 unifacial scraper side fragment (40.7 g).

Artifacts cataloged as 1-3 include four bifacial knife midsections. These are unstemmed specimens with missing tips, damaged blades, no notches, no shoulder; and missing bases. The cross sections are irregular with no edge abrading and no bevelung. Together, they weigh 10.2 g. The raw material is heat-treated Burlington chert, which is found locally. Microscopic examination revealed wear resulting from cutting meat with bone contact. These specimens are of an unclassified type not associated with a specific cultural period.

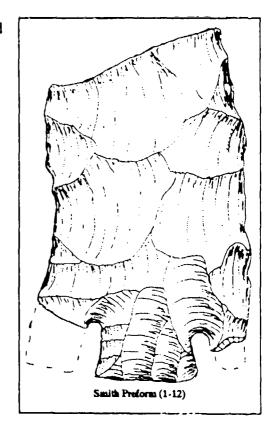


Artifact 1-5 is a 34 grooved axe. Maximum dimensions are 8.3 cm x 5.0 cm x 3.6 cm and it weighs 268.6 g. The bit is battered and the poll is damaged. The raw material is black igneous granite from an unknown source. The most likely source is the Missouri River, which contains granite redeposited by glacial action. Microscopic examination revealed no evidence of use-wear. It could have served as a heavy duty woodworking tool, although it seems small for such an application. It

may have also functioned as a weapon. This specimen is associated with the Late Archaic Period.

Artifact 1-6 is an adze. It is an unstemmed and unnotched specimen with an excurvate bit, a straight blade and a rounded base. The cross section is plano-convex with edge abrading on the hafting area and unifacial beveling on the bit. Maximum dimensions are 7.8 cm x 5.3 cm x 1.7 cm and it weighs 68.3 g. The raw material is oolitic Jefferson City chert, which is found locally in the deeper valleys. Microscopic examination revealed much battering on the bit as a result of cutting wood. There is also polish well up on the blade that resembles soil gloss, so the tool may have been used in digging as well. This specimen most closely resembles the Sedalia adze, which is associated with the Late Archaic Period.

Artifact 1-12 is a preform. It is a parallel stem specimen with a missing tip, a damaged blade, basal notches, barbed shoulders and a straight base. The cross section is biconvex with no edge abrading and no beveling. Maximum



dimensions are 9.3 cm x 5.5 cm x 1.9 cm and it weighs 92.9 g. The stem measures 1.2 cm x 2.7 cm and comprises about 13% of the total length of the specimen. The raw material is heat-treated Burlington chert, which is found locally. Microscopic examination revealed no evidence of use-wear. This specimen is probably a preform for a Smith point, which is associated with the Late Archaic Period. The base has been thinned and the notches removed. However the blade is thick and roughed out with irregular percussion flakes. This informs about the manufacturing sequence in this example. The base was finished and notched before blade reduction was well developed.

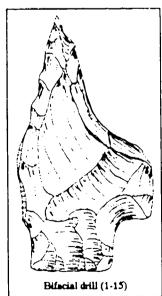


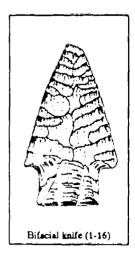
Artifact 1-13 is a bifacial knife. It is a parallel stem specimen with a missing tip, a damaged blade, basal notches, barbed shoulders and a straight base. The cross section is biconvex with no edge abrading and no beveling. Maximum dimensions are 5.0 cm x 4.4 cm x 1.0 cm and it weighs 25.2 g. The stem measures 1.3 cm x 2.3 cm and comprises about 26% of the total length of the specimen. The raw material is Jefferson City chert, which is found locally in the deeper valleys. Microscopic examination revealed wear resulting from cutting meat with bone contact. This specimen is resharpened and most closely resembles the Smith type, which is associated with the Late Archaic Period.

Artifact 1-14 is a bifacial knife midsection. It has a missing tip, a damaged blade, basal notches, barbed shoulders and a missing stem and base. The cross section is biconvex with no edge abrading and no beveling. Maximum dimensions are $2.8 \text{ cm} \times 4.9 \text{ cm} \times 1.0 \text{ cm}$ and it weighs 16.8 g. The raw material is heat-treated Keokuk chert, which is abundant further south but may be available locally in highly restricted areas.

Microscopic examination revealed wear resulting from cutting meat with bone contact. This specimen most closely resembles the Smith type, which is associated with the Late Archaic Period.

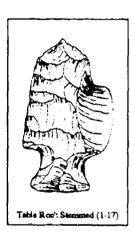
Artifact 1-15 is a bifacial drill. It is a parallel stem specimen with a pointed tip, an incurvate blade, basal notches, square shoulders and a straight base. The cross section is planoconvex with no edge abrading and unifacial beveling. Maximum dimensions are 6.7 cm x 3.3 cm x 0.9 cm and it weighs 18.8 g. The stem measures 1.3 cm x 2.2 cm and comprises about 19% of the total length of the specimen. The raw material is Burlington chert, which is found locally. Microscopic examination revealed wear resulting from perforating. This specimen is resharpened and is an unclassified type possibly associated with the Late Archaic Period.





Artifact 1-16 is a bifacial knife. It is a corner removed parallel stem specimen with a pointed tip, a straight blade, square shoulders and a straight base. The cross section is biconvex with edge abrading on the stem and no beveling. Maximum dimensions are 4.3 cm x 2.5 cm x 0.6 cm and it weighs 6.1 g. The stem measures 1.0 cm x 1.7 cm and comprises about 23% of the total length of the specimen. The raw material is heat-treated Burlington chert, which is found locally. Microscopic examination revealed wear resulting from cutting meat with bone contact. This specimen is resharpened and is an unclassified type possibly associated with the Late Archaic Period. The workmanship is far superior to that noted on Smith, Stone Square Stemmed and other similar points. It is finished with fine pressure flaking.

Artifact 1-17 is a projectile point/knife. It is an expanding corner removed stem specimen with a missing tip, a damaged blade, square shoulders and a straight base. The cross section is biconvex with edge abrading on the stem and no beveling. The tip has been carried away by an impact fracture. Maximum dimensions are 4.0 cm x 2.4 cm x 0.7 cm and it weighs 7.0 g. The stem measures 1.1 cm x 1.5 cm and comprises about 28% of the total length of the specimen. The raw material is heat-treated Burlington chert, which is found locally. Microscopic examination revealed wear resulting from cutting meat with bone contact.. This specimen most closely resembles the Table Rock Stemmed type, which is associated with the Late Archaic Period.



Artifact 1-18 is a bifacial knife. It is a corner removed specimen with a pointed tip, a straight blade, square shoulders and a missing stem and base. The cross section is biconvex with no edge abrading and no beveling. Maximum dimensions are 6.7 cm x 2.5 cm x 0.6 cm and it weighs 10.1 g. The raw material is Keokuk chert, which is abundant further south but may be available locally in highly restricted areas. Microscopic examination revealed wear resulting from cutting meat with bone contact. This specimen most closely resembles the Table Rock Pointed Stem type, which is associated with the Mississippi Period.



Artifact 1-19 is a bifacial knife. It is an expanding stem specimen with a rounded tip, an excurvate blade, corner notches, barbed shoulders and a concave base. The cross section is biconvex with edge abrading on the base and no beveling. Maximum dimensions are 2.3 cm x 2.3 cm x 0.4 cm and it weighs 2.0 g. The stem measures 0.9 cm x 1.2 cm and comprises about 39% of the total length of the specimen. The raw material is heat-treated Burlington chert, which is found locally. Microscopic examination revealed wear

resulting from cutting meat without bone contact and from scraping wet hide. This specimen is resharpened and is an unclassified type possibly associated with the Late Archaic Period.

Artifact 1-20 is a bifacial knife. It is a corner removed contracting stem specimen with a missing tip, an excurvate blade, no shoulders and a convex base. The cross section is biconvex with no edge abrading and no beveling. Maximum dimensions are 4.8 cm x 3.3 cm x 0.7 cm and it weighs 11.2 g. The stem measures 2.0 cm x 2.8 cm and comprises about 42% of the total length of the specimen. The raw material is heat-treated Burlington chert, which is found locally. Microscopic examination revealed wear resulting from cutting meat without bone contact. This specimen is an unclassified type possibly associated with the Late Archaic Period. This contracting stem form has no shoulders, there is a continuous contraction from the junction of blade and stem to the rounded base. Dickson (1991:76) recovered a comparable biface in a Late Archaic context at the Albertson site.

Artifact 1-21 is a bifacial knife. It is a corner removed contracting stem specimen with a pointed tip, an incurvate blade, missing shoulders and a concave base. The cross section is biconvex with no edge abrading and no beveling. Maximum dimensions are 4.6 cm x 2.9 cm x 0.7 cm and it weighs 7.9 g. The stem measures 2.1 cm x 2.0 cm and comprises about 46% of the total length of the specimen. The raw material is Keokuk chert, which is abundant further south but may be available locally in highly restricted areas. Microscopic examination revealed wear resulting from cutting meat with bone contact. This specimen is exhausted and most closely resembles the Dickson type, which is associated with the Woodland Period. This point has been

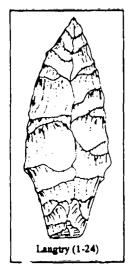


resharpened to exhaustion, with blade incurved and a short point at the distal end. This short tip may also have been used to perforate soft material since some use polish is present on it. The wide shoulders have been broken off.

Artifact 1-22 is a bifacial knife proximal. It is a corner removed contracting stem specimen with a missing tip, a damaged blade, sloping shoulders and a concave base. The cross section is biconvex with edge abrading on the stem and no beveling. Maximum dimensions are 3.5 cm x 3.2 cm x 0.6 cm and it weighs 7.5 g. The stem measures 1.6 cm x 2.1 cm and comprises about 46% of the total length of the specimen. The raw material is heat-treated Jefferson City chert, which is found locally in the deeper valleys. Microscopic examination revealed wear resulting from cutting meat with bone contact. This specimen is resharpened and most closely resembles the Dickson type, which is associated with the Woodland Period.

Artifact 1-23 is a projectile point/knife. It is a corner removed contracting stem specimen with a missing tip, a damaged blade, sloping shoulders and a straight base. The cross section is biconvex with no edge abrading and no beveling. The tip has been carried

away by an impact fracture. Maximum dimensions are $5.7 \, \mathrm{cm} \times 2.7 \, \mathrm{cm} \times 0.8 \, \mathrm{cm}$ and it weighs $13.0 \, \mathrm{g}$. The stem measures $1.5 \, \mathrm{cm} \times 2.2 \, \mathrm{cm}$ and comprises about 26% of the total length of the specimen. The raw material is Jefferson City chert, which is found locally in the deeper valleys. Microscopic examination revealed wear resulting from cutting meat with bone contact. This specimen is resharpened and most closely resembles the Standlee type, which is associated with the Woodland Period.



Artifact 1-24 is a bifacial knife. It is a corner removed contracting stem specimen with a pointed tip, an excurvate blade, sloping shoulders and a straight base. The cross section is biconvex with no edge abrading and no beveling. Maximum dimensions are 5.7 cm x 2.2 cm x 0.7 cm and it weighs 8.2 g. The stem measures 1.5 cm x 1.9 cm and comprises about 26% of the total length of the specimen. The raw material is heat-treated Burlington chert, which is found locally. Microscopic examination revealed wear resulting from cutting meat with bone contact. This specimen is resharpened and most closely resembles the Langtry type, which is associated with the Late Archaic through Woodland periods.

Artifact 1-25 is a bifacial knife proximal. It is a corner removed contracting stem specimen with a missing tip, a damaged

blade, sloping shoulders and a straight base. The cross section is biconvex with no edge abrading and no beveling. Maximum dimensions are 2.9 cm x 3.3 cm x 0.8 cm and it weighs 6.9 g. The stem measures 1.4 cm x 2.1 cm and comprises about 48% of the total length of the specimen. The raw material is Keokuk chert, which is abundant further south but may be available locally in highly restricted areas. Microscopic examination revealed wear resulting from cutting meat with bone contact. This specimen most closely resembles the Langtry type, which is associated with the Late Archaic through Woodland periods.

Artifact 1-26 is a bifacial knife/scraper proximal. It is an expanding stem specimen with a missing tip, a damaged blade, side notches, sloping shoulders and a straight base. The cross section is biconvex with no edge abrading and unifacial beveling. Maximum dimensions are 3.8 cm x 3.1 cm x 0.8 cm and it weighs 10.7 g. The stem measures 1.7 cm x 3.2 cm and comprises about 45% of the total length of the specimen. The raw material is heat-treated Burlington chert, which is found locally. Microscopic examination revealed wear resulting from cutting meat with bone contact and from scraping wet hide.



This specimen is resharpened and most closely resembles the Rice Side Notched type, which is associated with the Woodland Period.

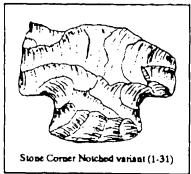
Artifact 1-27 is a stemmed biface proximal. It is an expanding stem specimen with a missing tip and blade, side notches, sloping shoulders and a concave base. The cross

section is biconvex with edge abrading on the stem and no beveling. Maximum dimensions are 2.3 cm x 2.3 cm x 0.6 cm and it weighs 4.2 g. The stem measures 1.3 cm x 2.3 cm and comprises about 57% of the total length of the specimen. The raw material is heat-treated Pierson chert, which is abundant in the Branson area and may be exposed in limited areas locally. Microscopic examination revealed no evidence of use-wear. This specimen most closely resembles the Rice Side Notched type, which is associated with the Woodland Period.

Artifact 1-28 is a bifacial knife proximal. It is an expanding stem specimen with a missing tip and blade, side notches, no shoulders and a straight base. The cross section is biconvex with no edge abrading and no beveling. Maximum dimensions are 3.0 cm x 2.5 cm x 0.8 cm and it weighs 6.7 g. The raw material is heat-treated Burlington chert, which is found locally. Microscopic examination revealed no evidence of use-wear. This specimen is exhausted and most closely resembles the Rice Side Notched type, which is associated with the Woodland Period.

Artifact 1-29 is a bifacial knife. It is an expanding stem corner removed specimen with a missing tip, a damaged blade, sloping shoulders and a straight base. The cross section is biconvex with edge abrading on the stem and beveling on the right blade edge. Maximum dimensions are 2.5 cm x 1.8 cm x 0.5 cm and it weighs 2.4 g. The stem measures 1.0 cm x 1.6 cm and comprises about 40% of the total length of the specimen. The raw material is heat-treated Burlington chert, which is found locally. Microscopic examination revealed wear resulting from cutting meat with bone contact. This specimen is exhausted and is a variant of the Table Rock Stemmed type, which is associated with the Late Archaic Period.

Artifact 1-30 is an arrow point stem. It is an expanding stem specimen with a missing tip and blade, corner removed square shoulders and a straight base. The cross section is plano-convex with edge abrading on the stem and no beveling. Maximum dimensions are 1.4 cm x 1.9 cm x 0.4 cm and it weighs 1.3 g. The stem measures 0.7 cm x 1.0 cm and comprises about 50% of the total length of the specimen. The raw material is Burlington chert, which is found locally. Microscopic examination revealed no evidence of use-wear. This specimen is an unclassified type possibly associated with the Woodland or Mississippi Period.

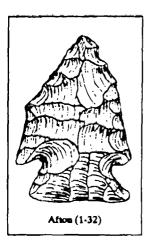


Artifact 1-31 is a bifacial knife proximal. It is an expanding stem corner removed specimen with a missing tip and blade, square shoulders and a convex base. The cross section is biconvex with edge abrading on the base and no beveling. Maximum dimensions are 3.1 cm x 4.2 cm x 1.0 cm and it weighs 13.0 g. The stem measures 1.2 cm x 2.4 cm and comprises about 39% of the total length of the specimen. The raw material is Keokuk chert, which is abundant further south but may be available locally in

highly restricted areas. Microscopic examination revealed no evidence of use-wear. This

specimen is a variant of the Stone Corner Notched type, which is associated with the Late Archaic Period.

Artifact 1-32 is a bifacial knife. It is an expanding stem specimen with a pointed tip, an asymmetrical blade, corner notches, barbed shoulders and a straight base. The cross section is biconvex with no edge abrading and no beveling. Maximum dimensions are 4.2 cm x 2.8 cm x 0.6 cm and it weighs 7.8 g. The stem measures 1.0 cm x 2.6 cm and comprises about 24% of the total length of the specimen. The raw material is Jefferson City chert, which is found locally in the deeper valleys. Microscopic examination revealed wear resulting from cutting meat with bone contact. This specimen is resharpened and most closely resembles the Afton type, which is associated with the Late Archaic Period. The angular blade margin typical of Afton is present only on one side. This angle has been removed by resharpening on the opposite blade margin.



Artifact 1-33 is a dart point stem. It is an expanding stem specimen with a missing tip and blade, corner notches, missing shoulders and a straight base. The cross section is biconvex with edge abrading on the base and stem and no beveling. The tip and blade have been carried away by an impact fracture. Maximum dimensions are 3.6 cm x 2.2 cm x 0.8 cm and it weighs 8.7 g. The stem measures 1.0 cm x 2.2 cm and comprises about 28% of the total length of the specimen. The raw material is Jefferson City chert, which is found locally in the deeper valleys. Microscopic examination revealed no evidence of use-wear. This specimen is exhausted and is a variant of the Stone Corner Notched type, which is associated with the Late Archaic Period.

Artifact 1-34 is a biface stem. It is an expanding stem specimen with a missing tip and blade, corner notches, missing shoulders and a convex base. The cross section is biconvex with no edge abrading and no beveling. Maximum dimensions are 3.0 cm x 3.2 cm x 0.9 cm and it weighs 9.4 g. The stem measures 1.6 cm x 3.0 cm and comprises about 53% of the total length of the specimen. The raw material is heat-treated Burlington chert, which is found locally. Microscopic examination revealed no evidence of use-wear. This specimen most closely resembles the Big Creek type, which is associated with the Late Archaic Period.



Artifact 1-35 is a stemmed biface. It is an expanding stem specimen with a missing tip, a damaged blade, corner notches, damaged shoulders and a convex base. The cross section is biconvex with no edge abrading and no beveling. Maximum dimensions are 3.3 cm x 2.9 cm x 0.7 cm and it weighs 8.0 g. The stem measures 1.5 cm x 2.9 cm and comprises about 45% of the total length of the specimen. The raw material is Jefferson City chert, which is found locally in the deeper valleys.

Microscopic examination revealed no evidence of use-wear. This specimen is exhausted

and most closely resembles the Big Creek type, which is associated with the Late Archaic Period.

Artifact 1-36 is a bifacial knife. It is an expanding stem specimen with a missing tip, a damaged blade, corner notches, barbed shoulders and a damaged base. The cross section is biconvex with no edge abrading and no beveling. Maximum dimensions are 2.5 cm x 3.0 cm x 0.6 cm and it weighs 5.2 g. The stem is 1.0 cm long and comprises about 40% of the total length of the specimen. The raw material is heat-treated Burlington chert, which is found locally. Microscopic examination revealed wear resulting from cutting meat with bone contact. This specimen is resharpened and is a variant of the Big Creek type, which is associated with the Late Archaic Period.

Artifact 1-37 is a stemmed biface proximal. It is a corner removed parallel stem specimen with a missing tip and blade, damaged shoulders and a straight base. The cross section is plano-convex with no edge abrading and no beveling. Maximum dimensions are 3.9 cm x 3.4 cm x 1.0 cm and it weighs 15.5 g. The stem measures 1.4 cm x 1.9 cm and comprises about 36% of the total length of the specimen. The raw material is Jefferson City chert, which is found locally in the deeper valleys. Microscopic examination revealed no evidence of use-wear. This specimen most closely resembles the Smith type, which is associated with the Late Archaic Period.

Artifact 1-38 is a bifacial knife. It is a parallel stem specimen with a pointed tip, an excurvate blade, basal notches, barbed shoulders and a straight base. The cross section is rhomboidal with no edge abrading and beveling on the left edge of the blade. Maximum dimensions are 3.5 cm x 2.4 cm x 0.7 cm and it weighs 5.6 g. The stem measures 0.7 cm x 1.2 cm and comprises about 20% of the total length of the specimen. The raw material is heat-treated Burlington chert, which is found locally. Microscopic examination revealed wear resulting from cutting meat with bone contact. This specimen is resharpened and is an unclassified type



possibly associated with the Late Archaic Period. A similar biface was found in a Late Archaic context at Albertson shelter (Dickson 1991:77) where it was labeled LA-5 and functioned as cutting tool.

Artifact 1-39 is a projectile point/knife. It is an expanding stem specimen with a missing tip, a damaged blade, side notches, sloping shoulders and a damaged base. The cross section is biconvex with no edge abrading and no beveling. The tip has been carried away by an impact fracture. Maximum dimensions are 4.6 cm x 2.6 cm x 0.7 cm and it weighs 9.1 g. The stem measures 0.9 cm long and comprises about 20% of the total length of the specimen. The raw material is Burlington chert, which is found locally. Microscopic examination revealed wear resulting from cutting meat without bone contact.. This specimen is an unclassified type not associated with a specific cultural period.



Artifact 1-40 is an arrow point. It is an expanding stem specimen with a pointed tip, a straight blade, corner notches, square shoulders and a convex base. The cross section is biconvex with no edge abrading and no beveling. Maximum dimensions are $2.6 \text{ cm} \times 1.2 \text{ cm} \times 0.5 \text{ cm}$ and it weighs 1.3 g. The stem measures $0.7 \text{ cm} \times 0.9 \text{ cm}$ and comprises about 27% of the total specimen. The raw material is heat-treated Burlington chert, which is found locally. Microscopic examination revealed no evidence of use-wear. This specimen most closely resembles the Scallorn type, which is associated with the Late Woodland through Mississisppi periods.

Artifact 1-41 is an arrow point. It is an expanding stem specimen with a pointed tip, a straight blade, corner notches, barbed shoulders and a convex base. The cross section is biconvex with no edge abrading and no beveling. Maximum dimensions are 2.6 cm x 1.2 cm x 0.4 cm and it weighs 0.9 g. The stem measures 0.6 cm x 0.7 cm and comprises about 23% of the specimen. The raw material is heat-treated Burlington chert, which is found locally. Microscopic examination revealed no evidence of use-wear. This specimen most closely resembles the Sequoyah type, which is associated with the Late Woodland through Mississippi periods.





Artifact 1-42 is an arrow point. It is an expanding stem specimen with a pointed tip, an excurvate blade, side notches, square shoulders and a damaged base. The cross section is biconvex with no edge abrading and no beveling. Maximum dimensions are $2.1 \text{ cm} \times 1.0 \text{ cm} \times 0.4 \text{ cm}$ and it weighs 0.7 g. The stem measures $0.6 \text{ cm} \times 0.8 \text{ cm}$ and comprises about 29% of the total length of the specimen. The raw material is heat-treated Burlington chert, which is found locally. Microscopic examination revealed no evidence of use-wear. This specimen most closely resembles the Scallorn type, which is

associated with the Late Woodland through Mississippi periods.

Artifact 1-43 is an arrow point. It is an unstemmed specimen with a missing tip, a lanceolate blade, no notches, no shoulders and a concave base. The cross section is biconvex with no edge abrading and no beveling. Maximum dimensions are 2.7 cm x 1.3 cm x 0.3 cm and it weighs 1.1 g. The raw material is Burlington chert, which is found locally. Microscopic examination revealed no evidence of use-wear. This specimen most closely resembles the Fresno type, which is associated with the Late Prehistoric Period.



Artifact 1-44 is an arrow point distal fragment. It has a missing tip, a damaged blade, no notches, no shoulders and a missing stem and base. The cross section is biconvex with no edge abrading and no beveling. Maximum dimensions are $1.3 \, \text{cm} \times 0.9 \, \text{cm} \times 0.3 \, \text{cm}$ and it weighs $0.3 \, \text{g}$. The raw material is Reeds Spring chert, which is found

in southwest Missouri and northwest Arkansas into northeast Oklahoma and extreme southeast Kansas. Microscopic examination revealed no evidence of use-wear. This specimen is an unclassified type possibly associated with the Late Woodland through Mississippi periods.

Artifact 1-49 is a bifacial knife. It is an unstemmed specimen with a pointed tip, a lanceolate blade, no notches, no shoulders and a convex base. The cross section is biconvex with no edge abrading and no beveling. Maximum dimensions are 8.0 cm x 4.4 cm x 0.9 cm and it weighs 35.9 g. The raw material is Elsey chert, which is generally found further south. Microscopic examination revealed wear resulting from cutting meat with bone contact. This specimen is a variant of the Red Ochre type, which is associated with the Late Archaic Period.

Artifact 1-51 is a bifacial end scraper. It is an unstemmed specimen with a rounded tip, an excurvate blade, no notches, no shoulders and a convex base. The cross section is plano-convex with no edge abrading and unifacial beveling. Maximum dimensions are 4.3 cm x 2.5 cm x 1.2 cm and it weighs 13.7 g. The raw material is Jefferson City chert, which is found locally in the deeper valleys. Microscopic examination revealed wear resulting from scraping dry hide. This specimen is resharpened and is an unclassified type possibly associated with the Late Prehistoric Period.

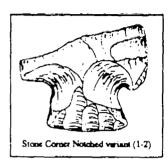
Artifact 1-52 is a bifacial end scraper. It is an unstemmed specimen with a rounded tip, an asymmetrical blade, no notches, no shoulders and a missing base. The cross section is plano-convex with no edge abrading and unifacial beveling. Maximum dimensions are 3.0 cm x 2.4 cm x 0.8 cm and it weighs 9.8 g. The raw material is heat-treated Burlington chert, which is found locally. Microscopic examination revealed wear resulting from scraping wet hide. This specimen is an unclassified type not associated with a specific cultural period.

Artifact 1-53 is a unifacial end scraper. It is an unstemmed specimen with a rounded tip, an excurvate blade, no notches, no shoulders and a convex base. The cross section is irregular with no edge abrading and unifacial beveling. Maximum dimensions are 7.0 cm x 4.3 cm x 1.1 cm and it weighs 61.5 g. The raw material is Burlington chert, which is found locally. Microscopic examination revealed wear resulting from scraping a gritty substance, possibly dried pottery. This specimen is an unclassified type possibly associated with the Woodland Period.

Artifact 1-54 is a unifacial side scraper distal. It is an unstemmed specimen with a rounded tip, an excurvate blade, no notches, no shoulders and a missing base. The cross section is plano-convex with no edge abrading and unifacial beveling. Maximum dimensions are 6.3 cm x 5.2 cm x 1.1 cm and it weighs 40.7 g. The raw material is Jefferson City chert, which is found locally in the deeper valleys. Microscopic examination revealed wear resulting from scraping wet hide. This specimen is an unclassified type not associated with a specific cultural period.

23PO378

23PO378 is a prehistoric habitation exhibiting evidence of Late Archaic, Late Woodland and Mississippi Period occupations. It was recorded by Howard Wimmer in 1985 when he collected 12 artifacts weighing 108.6 g. These included 1 stemmed biface fragment (4.6 g), 1 bifacial knife fragment (4.2 g), 1 bifacial knife (5.3 g) and 9 preform fragments (94.5 g).



Artifact 1-2 is a bifacial knife. It is an expanding stem specimen with a missing tip and blade, corner notches, missing shoulders and a convex base. The cross section is biconvex with no edge abrading and no beveling. Maximum dimensions are 2.5 cm x 3.3 cm x 0.5 cm and it weighs 5.3 g. The stem measures 1.0 cm x 2.1 cm and comprises about 40% of the total length of the specimen. The raw material is heat-treated Burlington chert, which is found locally. Microscopic

examination revealed no evidence of use-wear. This specimen is a variant of the Stone Corner Notched type, which is associated with the Late Archaic Period.

Artifact 1-3 is a preform proximal. It is an unstemmed specimen with a missing tip and blade, no notches, no shoulders and a straight base. The cross section is biconvex with no edge abrading and no beveling. Maximum dimensions are 2.2 cm x 2.1 cm x 0.4 cm and it weighs 2.9 g. The raw material is heat-treated Burlington chert, which is found locally. Microscopic examination revealed no evidence of use-wear. This specimen is an unclassified type possibly associated with the Late Woodland through Mississippi periods.

Artifact 1-5 is a bifacial knife proximal. It is an unstemmed specimen with a missing tip, a damaged blade, no notches, no shoulders and a missing base. The cross section is biconvex with no edge abrading and no beveling. Maximum dimensions are 2.9 cm x 2.2 cm x 0.5 cm and it weighs 4.2 g. The raw material is Burlington chert, which is found locally. Microscopic examination revealed wear resulting from cutting meat with bone contact. This specimen is an unclassified type not associated with a specific cultural period.

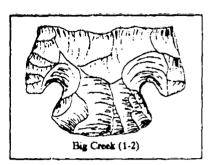
23PO379

23PO379 is a prehistoric habitation exhibiting evidence of Middle to Late Archaic and Middle Woodland Period occupations. It was recorded by Howard Wimmer in 1985 when he collected 6 artifacts weighing 56.8 g. These included 1 stemmed biface fragment (3.0 g), 1 dart point fragment (6.6 g), 3 bifacial knife fragments (35.2 g) and 1 bifacial knife (12.0 g).

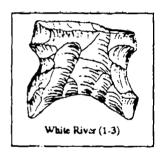
Artifact 1-1 is a bifacial knife. It is an expanding stem specimen with a pointed tip, a damaged blade, corner notches, barbed shoulders and a convex base. The cross section is biconvex with edge abrading on the base and no beveling. Maximum dimensions are 4.9

cm x 3.4 cm x 0.8 cm and it weighs 12.0 g. The stem measures 1.3 cm x 3.0 cm and comprises about 27% of the total length of the specimen. The raw material is heat-treated Burlington chert, which is found locally. Microscopic examination revealed wear resulting from cutting meat without bone contact. This specimen is resharpened and most closely resembles the Grand type, which is associated with the Woodland Period.

Artifact 1-2 is a bifacial knife proximal. It is an expanding stem specimen with a missing tip, a damaged blade, corner notches, barbed shoulders and a convex base. The cross section is biconvex with no edge abrading and no beveling. Maximum dimensions are 2.8 cm x 4.2 cm x 0.9 cm and it weighs 10.1 g. The stem measures 1.3 cm x 2.5 cm and comprises about 46% of the total length of the specimen. The raw material is Burlington chert,



which is found locally. Microscopic examination revealed wear resulting from cutting meat with bone contact. This specimen most closely resembles the Big Creek type, which is associated with the Late Archaic Period.



Artifact 1-3 is a dart point fragment. It is an expanding stem specimen with a missing tip and blade, side notches, sloping shoulders and a concave base. The cross section is biconvex with edge abrading on the base and stem and no beveling. Maximum dimensions are 2.5 cm x 2.9 cm x 0.8 cm and it weighs 6.6 g. The stem measures 1.5 cm x 2.8 cm and comprises about 60% of the total length of the specimen. The raw material is Burlington chert, which is found locally. Microscopic examination revealed

no evidence of use-wear. This specimen most closely resembles the White River type, which is associated with the Middle Archaic Period.

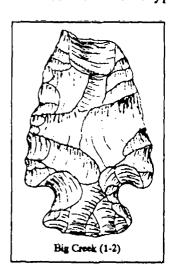
Artifacts cataloged as 1-5 include two bifacial knife midsections. They are unstemmed specimens with missing tips, damaged blades, no notches, no shoulders and missing bases. The cross sections are irregular with no edge abrading and no beveling. Together, they weigh 25.1 g. The raw materials include plain and heat-treated Burlington chert, which is found locally. Microscopic examination revealed wear resulting from cutting meat with bone contact. These specimens are of an unclassified type not associated with a specific cultural period.

23PO380

23PO380 is a prehistoric habitation exhibiting evidence of Early and Late Archaic and Late Woodland Period occupations. It was recorded by Howard Wimmer in 1985 when he collected 20 artifacts weighing 365.4 g. These included 1 adze fragment (26.4 g), 1 adze (60.1 g), 4 stemmed biface fragments (27.1 g), 1 dart point fragment (6.0 g), 2 bifacial knife fragment (37.1 g), 3 bifacial knives (34.2 g), 5 preform fragments (96.5 g), 1 preform (55.1 g) and 2 projectile point/knives (22.9 g).

Artifact 1-1 is a stemmed biface proximal. It is a parallel stem specimen with a missing tip and blade, no notches, no shoulders and a damaged base. The cross section is biconvex with edge abrading on the base and stem and no beveling. Maximum dimensions are 1.9 cm x 2.1 cm x 0.6 cm and it weighs 2.9 g. The raw material is heat-treated Burlington chert, which is found locally. Microscopic examination revealed no evidence of use-wear. This specimen most closely resembles the Dalton type, which is associated with the Early Archaic Period.





Artifact 1-2 is a projectile point/knife. It is an expanding stem specimen with a missing tip, an excurvate blade, corner notches, bathed shoulders and a convex base. The cross section is biconvex with no edge abrading and no beveling. The tip and most of the blade have been carried away by an impact fracture. Maximum dimensions are 5.4 cm x 3.3 cm x 0.9 cm and it weighs 16.0 g. The stem measures 1.3 cm x 2.4 cm and comprises about 24% of the total length of the specimen. The raw material is hethereated Burlington chert, which is found locally. Microscopic examination revealed wear resulting from cutting meat without bone contact. This specimen most closely resembles the Big Creek type, which is associated with the Late Archaic Period.

Artifact 1-3 is a stemmed biface proximal. It is an expanding stem specimen with a missing tip, an excurvate blade, corner notches, barbed shoulders and a convex base. The cross section is biconvex with edge abrading on the base and stem and no bevoling. Maximum dimensions are 3.1 cm x 4.4 cm x 1.1 cm and it weighs 15.1 g. The stem measures 1.3 cm x 2.4 cm and comprises about 42% of the total length of the pecimen. The raw material is Jefferson City chert, which is found locally in the deeper alleys. Microscopic examination revealed no evidence of use-wear. This specimen most closely resembles the Big Creek type, which is associated with the Late Archaic Period.

Artifact 1-4 is a biface stem. It is an expanding stem specimen with a missing tip and blade, corner notches, missing shoulders and a convex base. The cross section is biconvex with no edge abrading and no beveling. Maximum dimensions are 2.2 cm x 2.8 cm x 0.7 cm and it weighs 5.6 g. The stem measures 1.2 cm x 2.0 cm and comprises about 55% of the total length of the specimen. The raw material is heat-treated

Burlington chert, which is found locally. Microscopic examination revealed no evidence of use-wear. This specimen most closely resembles the Big Creek type, which is associated with the Late Archaic Period.

Artifact 1-5 is a stemmed biface proximal. It is an expanding stem corner removed specimen with a missing tip, a damaged blade,



square shoulders and a convex base. The cross section is biconvex with edge abrading on the lase and stem and no beveling. Maximum dimensions are $2.2 \text{ cm} \times 2.4 \text{ cm} \times 0.6 \text{ cm}$ and it weighs 3.5 g. The stem measures $0.9 \text{ cm} \times 1.4 \text{ cm}$ and comprises about 41% of the total length of the specimen. The raw material is heat-treated Burlington chert, which is found locally. Microscopic examination revealed no evidence of use-wear. This specimen is a variant of the Table Rock Stemmed type, which is associated with the Late Archaic Period.

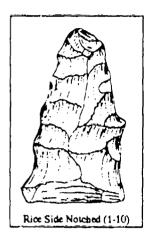


Artifact 1-6 is a bifacial knife proximal. It is a parallel stem specimen with a missing tip, a damaged blade, basal notches, barbed shoulders and a damaged base. The cross section is biconvex with no edge abrading and no beveling. Maximum dimensions are $4.2 \text{ cm} \times 4.0 \text{ cm} \times 0.9$ cm and it weighs 18.4 g. The stem is 1.2 cm long and comprises about 29% of the total length of the specimen. The raw material is Jefferson City chert, which is found locally in the deeper valleys. Microscopic examination revealed wear resulting from cutting meat with bone contact. This specimen most closely resembles the Smith type, which is associated with the Late Archaic Period.

Artifact 1-7 is a bifacial knife. It is a corner removed contacting stem specimen with a missing tip, a damaged blade, sloping shoulders and a convex base. The cross section is biconvex with no edge abrading and no beveling. Maximum dimensions are 3.9 cm x 4.4 cm x 0.9 cm and it weighs 16.8 g. The stem measures 1.5 cm x 2.4 cm and comprises about 38% of the total length of the specimen. The raw material is Burlington chert, which is found locally. Microscopic examination revealed wear resulting from cutting meat with bone contact. This specimen most closely resembles the Waubesa type, which is associated with the Woodland Period.



Artifact 1-8 is a bifacial knife proximal. It is a corner removed contracting stem specimen with a missing tip, a damaged blade, sloping shoulders and a straight base. The cross section is plano-convex with edge abrading on the stem and no beveling. Maximum dimensions are 4.9 cm x 4.0 cm x 1.0 cm and it weighs 18.7 g. The stem measures 1.1 cm x 2.1 cm and comprises about 22% of the total length of the specimen. The raw material is Jefferson City chert, which is found locally in the deeper valleys. Microscopic examination revealed wear resulting from cutting meat without bone contact. This specimen is an unclassified type possibly associated with the Woodland Period.



Artifact 1-10 is a bifacial knife. It is an expanding stem specimen with a rounded tip, an asymmetrical blade, side notches, no shoulders and a straight base. The cross section is biconvex with no edge abrading and no beveling. Maximum dimensions are 4.6 cm x 2.6 cm x 0.7 cm and it weighs 8.1 g. The stem measures 1.5 cm x 2.5 cm and comprises about 33% of the total length of the specimen. The raw material is heat-treated Burlington chert, which is found locally. Microscopic examination revealed wear resulting from cutting meat with bone contact. This specimen is exhausted and most closely resembles the Rice Side Notched type, which is associated with the Woodland Period.

Artifact 1-11 is a bifacial knife. It is an expanding stem specimen with a missing tip, a damaged blade, side notches, missing shoulders and a damaged base. The cross section is biconvex with no edge abrading and no beveling. Maximum dimensions are 4.2 cm x 2.7 cm x 0.7 cm and it weighs 9.3 g. The raw material is heat-treated Burlington chert, which is found locally. Microscopic examination revealed wear resulting from cutting meat with bone contact. This specimen is resharpened and most closely resembles the Rice Side Netched type, which is associated with the Woodland Period.

Artifact 1-12 is a projectile point/knife. It is an expanding stem specimen with a missing tip, a damaged blade, side notches, sloping shoulders and a damaged base. The cross section is biconvex with no edge abrading and no beveling. The tip has been carried away by an impact fracture. Maximum dimensions are 3.6 cm x 2.4 cm x 0.7 cm and it weighs 6.9 g. The stem is 0.9 cm long and comprises about 25% of the total length of the specimen. The raw material is heat-reated Burlington chert, which is found locally. Microscopic examination revealed wear resulting from cutting meat without bone contact. This specimen is resharpened and most closely resembles the Rice Side Notched type, which is associated with the Woodland Period.

Artifact 1-13 is a dart point stem proximal. It is a parallel stem specimen with a missing tip and blade, no notches, missing shoulders and a straight base. The cross section is biconvex with no edge abrading and no beveling. The tip and blade have been carried away by an impact fracture. Maximum dimensions are $3.4 \text{ cm} \times 2.0 \text{ cm} \times 0.7 \text{ cm}$ and it weighs 6.0 g. The raw material is heat-treated Burlington chert, which is found locally. Microscopic examination revealed no evidence of use-wear. This specimen is exhausted and is an unclassified type possibly associated with the Late Archaic Period.

Artifact 1-15 is an adze. It is an unstemmed specimen with a missing tip, an excurvate blade, no notches, no shoulders and a straight base. The cross section is biconvex with edge abrading on the stem and no beveling. Maximum dimensions are 7.4 cm x 4.2 cm x 2.1 cm and it weighs 60.1 g. The raw material is Burlington chert, which is found locally. Microscopic examination revealed wear resulting from cutting wood. This specimen is an unclassified type not associated with a specific cultural period.

Artifact 1-16 is an adze midsection. It is an unstemmed specimen with a missing tip, an excurvate blade, no notches, no shoulders and a missing base. The cross section is plano-convex with no edge abrading and unifacial beveling. Maximum dimensions are 5.2 cm x 3.8 cm x 1.2 cm and it weighs 26.4 g. The raw material is Keokuk chert, which is abundant further south but may be available locally in highly restricted areas. Microscopic examination revealed wear resulting from cutting wood. This specimen is resharpened and is an unclassified type not associated with a specific cultural period.

23PO381

23PO381 is a prehistoric habitation exhibiting evidence of Early and Late Archaic, Middle to Late Woodland, Mississippi and Late Prehistoric Period occupations. It was recorded by Howard Wimmer in 1985 when he collected 94 artifacts weighing 1,311.3 g. These included 1 adze (71.1 g), 3 arrow point fragments (2.4 g), 15 arrow points (11.6 g), 4 stemmed biface fragments (17.6 g), 3 dart points (15.0 g), 1 bifacial drill (5.3 g), 22 bifacial knife fragments (173.9 g), 13 bifacial knives (220.8 g), 28 preform fragments (751.8 g), 2 preforms (7.3 g), 1 flake scraper fragment (16.1 g) and 1 unifacial scraper end (18.4 g).

Artifact 1-1 is a bifacial knife. It is an expanding stem specimen with a pointed tip, an asymmetrical blade, side notches, sloping shoulders and a concave base. The cross section is rhomboidal with no edge abrading and beveling on the left edge of the blade. Maximum dimensions are 5.0 cm x 2.5 cm x 0.6 cm and it weighs 7.8 g. The stem measures 1.2 cm x 2.5 cm and comprises about 24% of the total length of the specimen. The raw material is Jefferson City chert, which is found locally in the deeper valleys. Microscopic examination revealed wear resulting from cutting meat with bone contact. This specimen is resharpened and most closely resembles the Rice Side Notched type, which is associated with the Woodland Period.

Artifact 1-2 is a bifacial knife. It is an parallel stem specimen with a missing tip, a damaged blade, no notches, sloping shoulders and a concave bas. The cross section is plano-convex with edge abrading on the stem and unifacial beveling. Maximum dimensions are 5.1 cm x 2.3 cm x 0.9 cm and it weighs 11.9 g. The stem measures 1.4 cm x 2.6 cm and comprises about 27% of the total length of the specimen. The raw material is Burlington chert, which is found locally. Microscopic examination revealed wear resulting from cutting meat with bone contact. This specimen is exhausted and is a variant of the Dalton type, which is associated with the Early Archaic Period.

Delice variant (1-2)

Artifacts cataloged as 1-3 include 10 bifacial knife distals with pointed tips, excurvate blades and missing shoulders stems and bases. The cross section is Biconvex with no edge abrading and no beveling. Together they weigh 64.3 g. The raw materials include both plain and heat-treated Burlington chert, which is found locally. Microscopic

examination revealed wear resulting from cutting meat with bone contact. These are of an unclassified type not associated with a specific cultural period.

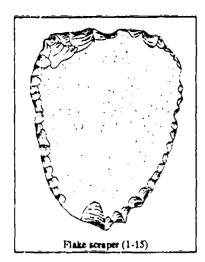
Artifacts cataloged as 1-5 include four bifacial knife midsection fragments. All have missing tips, excurvate blades and missing shoulders, stems and bases. The cross sections are irregular with no edge abrading and no beveling. Together they weigh 23.7 g. The raw materials include both plain and heat-treated Burlington chert, which is found locally. Microscopic examination revealed wear resulting from cutting meat with bone contact. These specimens are an unclassified type not associated with a specific cultural period.

Artifact 1-9 is a bifacial knife. It is an unstemmed specimen with a rounded tip, an excurvate blade, no notches, no shoulders and a straight base. The cross section is biconvex with no edge abrading and no beveling. Maximum dimensions are 4.9 cm x 2.5 cm x 0.8 cm and it weigh s 10.6 g. The raw material is heat-treated Burlington chert, which is found locally. Microscopic examination revealed wear resulting from cutting meat without bone contact. This specimen is an unclassified type not associated with a specific cultural period.

Artifact 1-10 is a bifacial knife proximal. It is a contracting stem specimen with a missing tip, an excurvate blade, no notches, sloping shoulders and a convex base. The cross section is biconvex with no edge abrading and no beveling. Maximum dimensions are 5.9 cm x 3.3 cm x 1.2 cm and it weighs 25.0 g. The stem measures 2.5 cm x 2.5 cm and comprises about 42% of the total length of the specimen. The raw material is heat-treated Burlington chert, which is found locally. Microscopic examination revealed wear resulting from cutting meat with bone contact. This specimen is an unclassified type possibly associated with the Woodland Period.

Artifact 1-13 is a bifacial knife. It is an parallel stem specimen with a rounded tip, an asymmetrical blade, no notches, sloping shoulders and a convex base. The cross section is rhomboidal with edge abrading on the blade, which is also beveled on the left side. Maximum dimensions are 10.7 cm x 4.2 cm x 1.8 cm and it weighs 83.7 g. The stem measures 3.0 cm x 2.8 cm and comprises about 28% of the total length of the specimen. The raw material is Burlington chert, which is found locally. Microscopic examination revealed wear resulting from cutting meat with bone contact. This specimen is an unclassified type not associated with a specific cultural period.

Artifact 1-14 is an elliptical adze. It is an unstemmed specimen with a rounded tip, an excurvate blade, no notches, no shoulders and a convex base. The cross section is biconvex with no edge abrading and no beveling. Maximum dimensions are 9.0 cm x 4.9 cm x 1.7 cm and it weighs 71.1 g. The raw material is heat-treated Burlington chert, which is found locally. Microscopic examination revealed wear resulting from cutting wood. This specimen is an unclassified type not associated with a specific cultural period.



Artifact 1-15 is a flake scraper. It is made from a medium thick egg-shaped decortication flake with all margins unifacially pressure flaked to produce a scraper. The cross section is plano-convex with no edge abrading and unifacial beveling. Maximum dimensions are 5.2 cm x 4.1 cm x 0.5 cm and it weighs 16.1 g. The raw material is heat-treated Burlington chert, which is found locally. Microscopic examination revealed wear resulting from scraping wet hide. It is wider than most Late Prehistoric

scrapers and thus is probably of

Woodland origin.

Artifact 1-16 is a unifacial end scraper. The cross section is plano-convex with no edge abrading and unifacial beveling. Maximum dimensions are 4.7 cm x 2.9 cm x 1.0 cm and it weighs 18.4 g. The raw material is Jefferson City chert, which is found locally in the deeper valleys. Microscopic examination revealed wear resulting from scraping wet hide. This specimen is an unclassified type possibly associated with the Late Prehistoric Period.



Bifacial knife (1-17)

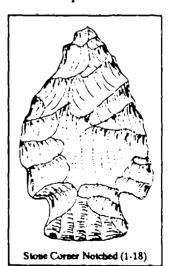
Artifact 1-17 is a lanceolate bifacial knife. It is an unstemmed specimen with a rounded tip, an excurvate blade, no notches, no shoulders and a convex base. It is parallel sided most of its length and then tapers to a rounded point. It probably has been hafted. The cross section is biconvex with no edge abrading and no beveling. Maximum dimensions are 9.3 cm x 2.8 cm x 1.2 cm and it weighs 34.9 g. The raw material is Burlington chert, which is found locally. Microscopic examination revealed wear resulting from cutting meat with bone contact. This specimen is

resharpened and is an unclassified type not associated with a specific cultural

period.

Artifact 1-18 is a bifacial knife. It is an expanding stem specimen with a rounded tip, an asymmetrical blade, corner notches, barbed shoulders and a convex base. The cross section is biconvex with no edge abrading and no beveling. Maximum dimensions are 5.6 cm x 3.2 cm x 0.8 cm and it weigh 6.3

g. The stem measures 1.1 cm x 2.2 cm and comprises about 20% of the total length of the specimen. The raw material is



heat-treated Burlington chert, which is found locally. Microscopic examination showed wear from cutting meat with bone contact. This specimen most closely resembles the Stone Corner Notched type, which is associated with the Late Archaic Period.

Artifact 1-19 is a bifacial knife. It is a parallel stem specimen with a missing tip, a damaged blade, missing shoulders and a convex base. The cross section is plano-convex with no edge abrading and no beveling. Maximum dimensions are 5.7 cm x 3.2 cm x 1.0 cm and it weighs 19.7 g. The stem measures 1.4 cm x 1.9 cm and comprises about 25% of the total length of the specimen. The raw material is Burlington chert, which is found locally. Microscopic examination revealed wear resulting from cutting meat with bone contact. This specimen most closely resembles the Smith type, which is associated with the Late Archaic Period.

Artifact 1-20 is a bifacial knife. It is an expanding stem specimen with a missing tip, a straight blade, corner notches, barbed shoulders and a straight base. The cross section is rhomboidal with no edge abrading and beveling on the left side of the blade. Maximum dimensions are 3.6 cm x 2.2 cm x 0.7 cm and it weighs 6.5 g. The stem measures 0.9 cm x 2.0 cm and comprises about 25% of the total length of the specimen. The raw material is heat-treated Burlington chert, which is found locally. Microscopic examination revealed wear resulting from cutting meat with bone contact. This specimen is resharpened and most closely resembles the Ensor type, which is associated with the Late Archaic Period.

Artifact 1-21 is a dart point. It is an expanding stem specimen with a missing tip and blade, corner notches, barbed shoulders and a convex base. The tip and most of the blade have been carried away by an impact fracture. The cross section is biconvex with edge abrading on the stem and no beveling. Maximum dimensions are 2.8 cm x 3.8 cm x 1.0 cm and it weighs 10.0 g. The stem measures 1.3 cm x 2.7 cm and comprises about 46% of the total length of the specimen. The raw material is heat-treated Burlington chert, which is found locally. Microscopic examination revealed no evidence of use-wear. This specimen most closely resembles the Big Creek type, which is associated with the Late Archaic Period.

Artifact 1-22 is a bifacial knife. It is an expanding stem specimen with a missing tip, a damaged blade, corner notches, barbed shoulders and a straight base. The cross section is biconvex with no edge abrading and no beveling. Maximum dimensions are 3.1 cm x 2.8 cm x 0.6 cm and it weighs 7.0 g. The stem measures 0.7 cm x 1.8 cm and comprises about 23% of the total length of the specimen. The raw material is heat-treated Burlington chert, which is found locally. Microscopic examination revealed wear resulting from cutting meat with bone contact. This specimen most closely resembles the Ensor type, which is associated with the Late Archaic Period.

Artifact 1-23 is a bifacial knife proximal. It is an expanding stem specimen with a missing tip, a straight blade, side notches, square shoulders and a straight base. The cross section is biconvex with no edge abrading and no beveling. Maximum dimensions are 3.6



cm x 3.0 cm x 0.7 cm and it weighs 7.9 g. The stem measures 1.3 cm x 2.5 cm and comprises about 36% of the total length of the specimen. The raw material is Burlington chert, which is found locally. Microscopic examination revealed wear resulting from cutting meat with bone contact. This specimen most closely resembles the Steuben type, which is

associated with the Middle Woodland Period.

Artifact 1-24 is a bifacial knife. It is a contracting stem specimen with a missing tip,



specimen is resharpened and most closely resembles the Table Rock Pointed Stem type, which is associated with the Late Woodland and Mississippi periods.

Artifact 1-25 is a bifacial knife. It is a contracting stem specimen with a missing tip, an Incurvate blade, corner removed, sloping shoulders and a damaged base. The cross section is biconvex with no edge abrading and no beveling. Maximum dimensions are 4.1 cm x 2.2 cm x 0.8 cm and it weighs 5.5 g. The raw material is Burlington chert, which is found locally. Microscopic examination revealed wear resulting from cutting meat with bone contact. This specimen is exhausted and most closely resembles the Table Rock Pointed Stem type, which is associated with the Late Woodland and Mississippi periods.

Artifact 1-26 is a bifacial knife proximal. It is a parallel stem specimen with a missing tip, an excurvate blade, basal notches, barbed shoulders and a convex base. The cross section is biconvex with no edge abrading and no beveling. Maximum dimensions are 4.0 cm x 3.8 cm x 1.2 cm and it weighs 9.3 g. The stem measures 1.6 cm x 1.8 cm and comprises about 40% of the total length of the specimen. The raw material is Jefferson City chert, which is found locally in the deeper valleys. Microscopic examination revealed wear resulting from cutting meat without bone contact. This specimen most closely resembles the Smith type, which is associated with the Late Archaic

Period.



Artifact 1-27 is a bifacial knife. It is an expanding stem specimen with a pointed tip, a straight blade, side notches, sloping shoulders and a concave base. The cross section is biconvex with edge abrading on the stem and no beveling. Maximum dimensions are $3.1 \text{ cm} \times 1.7 \text{ cm} \times 0.6 \text{ cm}$ and it weighs 3.0 g. The stem measures $1.1 \text{ cm} \times 1.6 \text{ cm}$ and comprises about 35% of the total length of the specimen. The raw material is heat-treated Jefferson City chert, which is found locally in the

deeper valleys. Microscopic examination revealed wear resulting from cutting meat without bone contact. This specimen is exhausted and is an unclassified type possibly associated with the Late Archaic Period. This biface is small enough to be classified as an arrow point, but the stem is thicker than usual. The shape resembles the Fairland type of the Late Archaic and it may be a small much resharpened example.

Artifact 1-28 is a dart point. It is an expanding stem specimen with a pointed tip, a damaged blade, corner notches, barbed shoulders and a concave base. The cross section is biconvex with no edge abrading and no beveling. The tip has been damaged by an impact fracture. Maximum dimensions are 2.9 cm x 1.7 cm x 0.6 cm and it weighs 2.8 g. The stem measures 0.7 cm x 1.4 cm and comprises about 24% of the total length of the specimen. The raw material is heat-treated Burlington chert, which is found locally. Microscopic examination revealed no evidence of use-wear. An example of this small biface was found in a Middle Woodland context at Albertson shelter (3BE174) (Dickson 1991:95).





Artifact 1-29 is a dart point. It is an expanding stem specimen with a missing tip, a damaged blade, corner notches, barbed shoulders and a concave base. The cross section is biconvex with edge abrading on the stem and no beveling. The tip has been carried away by an impact fracture. Maximum dimensions are 2.5 cm x 1.9 cm x 0.6 cm and it weighs 2.2 g. The stem measures 1.1 cm x 1.4 cm and comprises about 44% of the total length of the specimen. The raw material is Burlington chert, which is found locally. Microscopic examination

revealed no evidence of use-wear. This specimen is the same type as 1-28 and is an unclassified type possibly associated with the Middle Woodland Period.

Artifact 1-31 is a bifacial knife proximal. It is a corner removed parallel stem specimen with a missing tip, a damaged blade, square shoulders and a damaged base. The cross section is biconvex with no edge abrading and beveling on the left side of the blade. Maximum dimensions are 2.4 cm x 2.2 cm x 0.5 cm and it weighs 3.1 g. The stem measures 0.9 cm long and comprises about 38% of the total length of the specimen. The raw material is heat-treated Burlington chert, which is found locally. Microscopic examination revealed wear resulting from cutting meat with bone contact. This specimen is an unclassified type possibly associated with the Woodland Period.

Artifact 1-32 is a bifacial knife proximal. It is a parallel stem specimen with a missing tip, a damaged blade, basal notches, square shoulders and a straight base. The cross section is plano-convex with no edge abrading and no beveling. Maximum dimensions are 3.1 cm x 3.2 cm x 1.0 cm and it weighs 10.1 g. The stem measures 0.8 cm x 1.5 cm and comprises about 26% of the total length of the specimen. The raw material is Burlington chert, which is found locally. Microscopic examination revealed wear

resulting from cutting meat with bone contact. This specimen is an unclassified type not associated with a specific cultural period.

Artifact 1-33 is a bifacial knife proximal. It is a parallel stem specimen with a missing tip, an excurvate blade, corner removed, square shoulders and a damaged base. The cross section is biconvex with edge abrading on the stem and no beveling. Maximum dimensions are 3.6 cm x 2.5 cm x 0.8 cm and it weighs 6.8 g. The stem measures 1.5 cm x 1.3 cm and comprises about 42% of the total length of the specimen. The raw material is Burlington chert, which is found locally. Microscopic examination revealed wear resulting from cutting meat with bone contact. This specimen is an unclassified type not associated with a specific cultural period.

Artifact 1-34 is a bifacial knife midsection. It has a missing tip, an excurvate blade, corner notches, square shoulders and a missing stem and base. The cross section is biconvex with no edge abrading and no beveling. Maximum dimensions are 5.2 cm x 3.1 cm x 0.7 cm and it weighs 12.3 g. The raw material is heat-treated Burlington chert, which is found locally. Microscopic examination revealed wear resulting from cutting meat with bone contact. This specimen most closely resembles the Big Creek or Stone Corner Notched type, both of which are associated with the Late Archaic Period.

Artifact 1-35 is a bifacial knife midsection. It has a missing tip, a damaged blade, corner notches, barbed shoulders and a missing stem and base. The cross section is biconvex with no edge abrading and no beveling. Maximum dimensions are 3.0 cm x 3.5 cm x 1.0 cm and it weighs 11.4 g. The raw material is Jefferson City chert, which is found locally in the deeper valleys. Microscopic examination revealed wear resulting from cutting meat with bone contact. This specimen is an unclassified type possibly associated with the Late Archaic Period.

Artifact 1-36 is a bifacial drill. It is an unstemmed specimen with a missing tip, a damaged blade, side notches, no shoulders and a straight base. The cross section is biconvex with no edge abrading and no beveling. Maximum dimensions are $4.3 \text{ cm} \times 2.6 \text{ cm} \times 0.6$ cm and it weighs 5.3 g. The raw material is Burlington chert, which is found locally. Microscopic examination revealed wear resulting from perforating. It is a side-notched biface that was reworked into a perforator. This specimen is an unclassified type possibly associated with the Woodland Period.





Artifact 1-37 is an arrow point. It is an

unstemmed specimen with a missing tip, a straight blade, side notches, no shoulders and a straight base. The cross section is plano-convex with no edge abrading and no beveling. The tip has been carried away by an impact fracture. Maximum dimensions are 1.9 cm x 1.2 cm x 0.3 cm and it weighs 0.6 g. The raw material is heat-treated Burlington chert, which is found locally. Microscopic examination revealed no evidence of use-wear. This

specimen most closely resembles the Reed type, which is associated with the Mississippi Period.

Artifact 1-38 is an arrow point. It is an unstemmed specimen with a pointed tip, a straight blade, side notches, no shoulders and a straight base. The cross section is biconvex with no edge abrading and no beveling. Maximum dimensions are 1.9 cm x 0.9 cm x 0.3 cm and it weighs 0.5 g. The raw material is Jefferson City chert, which is found locally in the deeper valleys. Microscopic examination revealed. This specimen most closely resembles the Reed type, which is associated with the Mississippi Period.



Artifact 1-39 is an arrow point. It is an unstemmed specimen with a pointed tip, a straight blade, side notches, no shoulders and a concave base. The cross section is biconvex with no edge abrading and no beveling. Maximum dimensions are $1.8 \text{ cm} \times 1.1 \text{ cm} \times 0.3 \text{ cm}$ and it weighs 0.6 g. The raw material is heat-treated Burlington chert, which is found locally. Microscopic examination revealed no evidence of use-wear. This specimen most closely resembles the Washita peno type, which is associated with the Mississippi Period.



Artifact 1-40 is an arrow point. It is an unstemmed specimen with a pointed tip, an excurvate blade, no notches, no shoulders and a concave base. The cross section is plano-convex with no edge abrading and no beveling. Maximum dimensions are 2.4 cm x 1.1 cm x 0.3 cm and it weighs 0.6 g. The raw material is heat-treated Burlington chert, which is found locally. Microscopic examination revealed no evidence of use-wear. This specimen is a variant of the Fresno type, which is associated with the Late Prehistoric Period.

Artifact 1-41 is an arrow point. It is an expanding stem specimen with a pointed tip, a straight blade, corner notches, square shoulders and a convex base. The cross section is biconvex with no edge abrading and no beveling. Maximum dimensions are 3.1 cm x 1.4 cm x 0.5 cm and it weighs 2.0 g. The stem measures 0.6 cm x 1.0 cm and comprises about 19% of the total length of the specimen. The raw material is Burlington chert, which is found locally. Microscopic examination revealed no evidence of use-wear. This specimen most closely resembles the Scallorn Coryell type, which is associated with the Late Woodland and Mississippi periods.





Artifact 1-42 is an arrow point. It is an expanding stem specimen with a pointed tip, a straight blade, corner notches, barbed shoulders and a straight base. The cross section is biconvex with no edge abrading and no beveling. Maximum dimensions are $2.2 \text{ cm} \times 1.0 \text{ cm} \times 0.4 \text{ cm}$ and it weighs 0.6 g. The stem measures $0.6 \text{ cm} \times 0.7 \text{ cm}$ and comprises about 27% of the total length of the specimen. The raw material is Jefferson

City chert, which is found locally in the deeper valleys. Microscopic examination revealed no evidence of use-wear. This specimen most closely resembles the Scallorn Coryell type, which is associated with the Mississippi Period.

Artifact 1-43 is an arrow point. It is an expanding stem specimen with a pointed tip, a straight blade, corner notches, square shoulders and a straight base. The cross section is biconvex with no edge abrading and no beveling. Maximum dimensions are 2.1 cm x 0.9 cm x 0.3 cm and it weighs 0.5 g. The stem measures 0.6 cm x 0.9 cm and comprises about 29% of the total length of the specimen. The raw material is heat-treated Burlington chert, which is found locally. Microscopic examination revealed no evidence of use-wear. This specimen most closely resembles the Scallorn Sattler type, which is associated with the Mississippi Period.





Artifact 1-44 is an arrow point. It is an expanding stem specimen with a pointed tip, a straight blade, corner notches, barbed shoulders and a convex base. The cross section is diamond-shaped with no edge abrading and no beveling. Maximum dimensions are 3.0 cm x 1.0 cm x 0.5 cm and it weighs 0.8 g. The stem measures 0.6 cm x 0.6 cm and comprises about 20% of the total length of the specimen. The raw material is heat-treated Burlington chert, which is found locally. Microscopic examination revealed no evidence of use-wear. This specimen most closely resembles the Scallorn Eddy type, which is associated with the Mississippi Period.

Artifact 1-45 is an arrow point. It is an expanding stem specimen with a missing tip, an recurved blade, corner notches, barbed shoulders and a convex base. The cross section is biconvex with no edge abrading and no beveling. Maximum dimensions are 1.5 cm x 1.0 cm x 0.3 cm and it weighs 0.4 g. The stem measures 0.5 cm x 0.6 cm and comprises about 33% of the total length of the specimen. The raw material is heat-treated Burlington chert, which is found locally. Microscopic examination revealed no evidence of use-wear. This specimen is resharpened and most closely resembles the Scallorn eddy type, which is associated with the Mississippi Period.

Artifact 1-46 is an arrow point. It is an expanding stem specimen with a missing tip, a straight blade, corner notches, barbed shoulders and a straight base. The cross section is biconvex with no edge abrading and no beveling. Maximum dimensions are 1.5 cm x 1.2 cm x 0.4 cm and it weighs 0.6 g. The stem measures 0.6 cm x 1.0 cm and comprises about 40% of the total length of the specimen. The raw material is heat-treated Burlington chert, which is found locally. Microscopic examination revealed no evidence of use-wear. This specimen most closely resembles the Scallorn sattler type, which is associated with the Mississippi Period.

Artifact 1-47 is an arrow point. It is an expanding stem specimen with a missing tip, a serrated blade, corner notches, barbed shoulders and a convex base. The cross section is biconvex with no edge abrading and no beveling. Maximum dimensions are 1.8

cm x 1.5 cm x 0.4 cm and it weighs 1.0 g. The stem measures 0.7 cm x 0.9 cm and comprises about 39% of the total length of the specimen. The raw material is heat-treated Burlington chert, which is found locally. Microscopic examination revealed no evidence of use-wear. This specimen most closely resembles the Sequoyah type, which is associated with the Mississippi Period.





Artifact 1-48 is an arrow point. It is an expanding stem specimen with a pointed tip, a serrated blade, corner notches, square shoulders and a convex base. The cross section is plano-convex with no edge abrading and no beveling. Maximum dimensions are $2.0 \text{ cm} \times 1.2 \text{ cm} \times 0.4 \text{ cm}$ and it weighs 0.6 g. The stem measures $0.6 \text{ cm} \times 0.8 \text{ cm}$ and comprises about 30% of the total length of the specimen. The raw material is heat-treated Burlington chert, which is found locally. Microscopic examination revealed no evidence of use-wear. This specimen is resharpened and most closely

resembles the Sequoyah type, which is associated with the Mississippi Period.

Artifact 1-49 is an arrow point. It is an expanding stem specimen with a pointed tip, an serrated blade, corner notches, square shoulders and a convex base. The cross section is biconvex with no edge abrading and no beveling. Maximum dimensions are $2.4 \text{ cm} \times 1.2 \text{ cm} \times 0.3 \text{ cm}$ and it weighs 0.7 g. The stem measures $0.6 \text{ cm} \times 0.8 \text{ cm}$ and comprises about 25% of the total length of the specimen. The raw material is Burlington chert, which is found locally. Microscopic examination revealed no evidence of use-wear. This specimen most closely resembles the Sequoyah type, which is associated with the Mississippi Period.



Artifact 1-50 is an arrow point. It is an expanding stem specimen with a missing tip, a serrated blade, corner notches, square shoulders and a convex base. The cross section is plano-convex with no edge abrading and no beveling. Maximum dimensions are 2.0 cm x 0.9 cm x 0.4 cm and it weighs 0.7 g. The stem measures 0.8 cm x 1.0 cm and comprises about 40% of the total length of the specimen. The raw material is heat-treated Burlington chert, which is found locally. Microscopic examination revealed no evidence of use-wear. This specimen is resharpened and most closely resembles the Sequoyah type, which is associated with the Mississippi Period.

Artifact 1-51 is an arrow point. It is an expanding stem specimen with a missing tip, a damaged blade, corner notches, barbed shoulders and a damaged base. The cross section is biconvex with no edge abrading and no beveling. Maximum dimensions are 2.0 cm x 1.5 cm x 0.5 cm and it weighs 1.4 g. The stem measures 0.5 cm x 0.0 cm and comprises about 25% of the total length of the specimen. The raw material is Jefferson City chert, which is found locally in the deeper valleys. Microscopic examination revealed no evidence of use-wear. This specimen most closely resembles the Scallorn coryell type, which is associated with the Late Woodland and Mississippi periods.

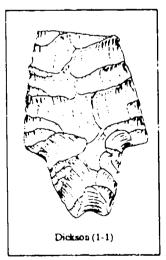
Artifact 1-52 is an arrow point midsection. It has a missing tip, a straight blade, corner notches, barbed shoulders and a missing stem and base. The cross section is biconvex with no edge abrading and no beveling. Maximum dimensions are 1.9 cm x 1.2 cm x 0.3 cm and it weighs 0.8 g. The raw material is Jefferson City chert, which is found locally in the deeper valleys. Microscopic examination revealed no evidence of use-wear. This specimen is an unclassified type possibly associated with the Mississippi Period.

Artifact 1-53 is an arrow point tip. It has a pointed tip, a serrated blade, square shoulders and a missing stem and base. The cross section is biconvex with no edge abrading and no beveling. Maximum dimensions are 2.9 cm x 1.1 cm x 0.4 cm and it weighs 1.0 g. The raw material is an unidentified heat-treated chert of unknown origin. Microscopic examination revealed no evidence of use-wear. This specimen is an unclassified type possibly associated with the Mississippi Period.

Artifact 1-54 is an arrow point tip. It has a pointed tip, an excurvate blade, square shoulders and a missing stem and base. The cross section is plano-convex with no edge abrading and no beveling. Maximum dimensions are 1.5 cm x 1.1 cm x 0.3 cm and it weighs 0.6 g. The raw material is heat-treated Burlington chert, which is found locally. Microscopic examination revealed no evidence of use-wear. This specimen is resharpened and is an unclassified type possibly associated with the Mississippi Period.

23PO382

23PO382 is a prehistoric habitation exhibiting evidence of Late Archaic and Middle Woodland Period occupations. It was recorded by Howard Wimmer in 1986 when he collected 12 artifacts weighing 153.5 g. These included 1 adze fragment (22.6 g), 1 biface fragment (6.8 g), 1 dart point fragment (4.7 g), 4 bifacial knife fragments (14.2 g), 1 bifacial knife (10.5 g), 1 knife/scraper fragment (14.2 g), 1 preform fragment (51.8 g) and 2 projectile point/knives (28.7 g).



Artifact 1-1 is a projectile point/knife. It is a corner removed contracting stem specimen with a missing tip, a straight blade, square shoulders and a concave base. The cross section is biconvex with edge abrading on the stem and no beveling. The tip has been carried away by an impact fracture. Maximum dimensions are 4.9 cm x 3.3 cm x 0.7 cm and it weighs 12.1 g. The stem measures 1.6 cm x 1.9 cm and comprises about 33% of the total length of the specimen. The raw material is heat-treated Pierson chert, which is abundant in the Branson area and may be exposed in limited areas locally. Microscopic examination revealed wear resulting from cutting meat without bone contact. This specimen is a variant of the Dickson variant type, which is associated with the Woodland Period.

Artifacts cataloged as 1-2 include four bifacial knife tips. These pointed tips, excurvate blades, missing shoulders, stems and bases. The cross sections are biconvex with no edge abrading and no beveling. Together they weigh 14.2 g. The raw materials include both plain and heat-treated Burlington chert, which is found locally. Microscopic examination revealed wear resulting from cutting meat with bone contact. This specimens are of an unclassified type not associated with a specific cultural period.

Artifact 1-5 is an adze distal. It is an unstemmed specimen with a rounded tip, an excurvate blade, no notches, no shoulders and a missing base. The cross section is biconvex with no edge abrading and no beveling. Maximum dimensions are 4.4 cm x 4.1 cm x 1.0 cm and it weighs 22.6 g. The raw material is heat-treated Burlington chert, which is found locally. Microscopic examination revealed wear resulting from cutting wood. This specimen is an unclassified type possibly associated with the Woodland Period since the shape is typical of that time Period and the chert is heat treated.

Artifact 1-6 is a bifacial knife/scraper distal. It is an unstemmed specimen with a rounded tip, an excurvate blade, no notches, no shoulders and a missing base. The cross section is biconvex with no edge abrading and no beveling. Maximum dimensions are 3.5 cm x 4.0 cm x 1.0 cm and it weighs 14.2 g. The raw material is Burlington chert, which is found locally. Microscopic examination revealed wear resulting from cutting meat without bone contact and from scraping wood. This specimen is an unclassified type possibly associated with the Woodland Period.

Artifact 1-7 is a projectile point/knife. It is a parallel stem specimen with a missing tip, an excurvate blade, basal notches, barbed shoulders and a straight base. The cross section is biconvex with no edge abrading and no beveling. The tip has been carried away by an impact fracture. Maximum dimensions are $4.7 \text{ cm } \times 4.1 \text{ cm } \times 0.9 \text{ cm}$ and it weighs 16.6 g. The stem measures $1.3 \text{ cm } \times 2.1 \text{ cm}$ and comprises about 28% of the total length of the specimen. The raw material is heat-treated Burlington chert, which is found locally. Microscopic examination revealed wear resulting from cutting meat with bone contact. This specimen is resharpened and most closely resembles the Smith type, which is associated with the Late Archaic Period.

Artifact 1-8 is a dart point stem. It is a corner removed parallel stem specimen with a missing tip, a damaged blade, square shoulders and a straight base. The cross section is biconvex with edge abrading on the stem and no beveling. The tip has been carried away by an impact fracture. Maximum dimensions are 3.4 cm x 2.7 cm x 0.6 cm and it weighs 4.7 g. The stem measures 1.1 cm x 1.6 cm and comprises about 32% of the total length of the specimen. The raw material is heat-treated Burlington chert, which is found locally. Microscopic examination revealed no evidence of use-wear. This specimen is exhausted and is a variant of the Table Rock Stemmed type, which is associated with the Late Archaic Period.



Artifact 1-9 is a bifacial knife. It is a parallel stem specimen with a rounded tip, a damaged blade, damaged shoulders and a straight base. The cross section is plano-convex with no edge abrading and no beveling. Maximum dimensions are 5.0 cm x 3.1 cm x 0.8 cm and it weighs 10.5 g. The stem measures 0.6 cm x 1.8 cm and comprises about 12% of the total length of the specimen. The raw material is heat-treated Burlington chert, which is found locally. Microscopic examination revealed wear resulting from cutting meat with bone contact. This specimen is an unclassified type not associated with a specific cultural period.

23PO383

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23PO383 is a prehistoric habitation exhibiting evidence of Middle to Late Archaic, Late Woodland, Mississippi and Late Prehistoric Period occupations. It was recorded by Howard Wimmer in 1986 when he collected 131 artifacts weighing 1,565.3 g. These included 2 arrow points (1.8 g), 13 biface fragments (65.5 g), 8 stemmed biface fragments (73.8 g), 1 chopper (175.7 g), 1 dart point fragment (8.9 g), 5 dart points (21.7 g), 2 bifacial drill fragments (13.3 g), 17 bifacial knife fragments (124.7 g), 10 bifacial knives (67.4 g), 61 preform fragments (909.3 g), 3 preforms (45.3 g), 1 projectile point/knife fragment (3.7 g), 3 projectile point/knives (12.7 g), 1 bifacial end scraper fragment (6.3 g), 1 bifacial end scraper (16.3 g), 1 flake scraper fragment (5.6 g) and 1 unifacial scraper end (13.3 g).

Artifacts cataloged as 1-3 include 11 bifacial knife tips. All have rounded tips, excurvate blades, no shoulders and missing stems and bases. The cross sections are biconvex with no edge abrading and no beveling. Together they weigh 55.4 g. The raw materials include both plain and heat-treated Burlington chert as well as an unidentified chert. Microscopic examination revealed wear resulting from cutting meat with bone contact. These specimens are of an unclassified type not associated with a specific cultural period.

Artifact 1-4 is a chopper. It is an unstemmed unnotched specimen with a an excurvate blade. The cross section is plano-convex with no edge abrading and no beveling. Maximum dimensions are 8.6 cm x 7.0 cm x 2.6 cm and it weighs 175.7 g. The raw material is Burlington chert, which is found locally. Microscopic examination revealed wear resulting from chopping. This specimen is an unclassified type not associated with a specific cultural period.

Artifact 1-5 is a bifacial knife. It is an unstemmed specimen with a missing tip, an excurvate blade, no notches, no shoulders and a convex base. The cross section is biconvex with no edge abrading and no beveling. Maximum dimensions are 6.8 cm x 5.0 cm x 0.9 cm and it weighs 31.7 g. The raw material is Jefferson City chert, which is found locally in the deeper valleys. Microscopic examination revealed wear resulting from cutting meat with bone contact. This specimen is an unclassified type possibly associated with the Woodland Period.

Artifact 1-6 is a unifacial snub-nosed end scraper. The cross section is plano-convex with no edge abrading and unifacial beveling. Maximum dimensions are 3.6 cm x 3.0 cm x 1.0 cm and it weighs 13.3 g. The raw material is Jefferson City chert, which is found locally in the deeper valleys. Microscopic examination revealed wear resulting from scraping wet hide. This specimen is resharpened and is an unclassified type possibly associated with the Late Prehistoric Period.

Artifact 1-7 is a bifacial knife proximal. It is an unstemmed specimen with a missing tip and blade, no notches, no shoulders and a convex base. The cross section is biconvex with no edge abrading and no beveling. Maximum dimensions are 4.3 cm x 5.3 cm x 0.8 cm and it weighs 19.5 g. The raw material is Elsey chert, which is generally found further south. Microscopic examination revealed wear resulting from cutting meat without bone contact. This specimen is an unclassified type not associated with a specific cultural period.

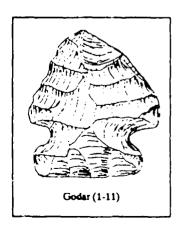
Artifact 1-8 is a bifacial knife proximal. It is an unstemmed specimen with a missing tip, an excurvate blade, no notches, no shoulders and a convex base. The cross section is biconvex with no edge abrading and no beveling. Maximum dimensions are 3.8 cm x 4.2 cm x 1.0 cm and it weighs 21.5 g. The raw material is Jefferson City chert, which is found locally in the deeper valleys. Microscopic examination revealed wear

resulting from cutting meat with bone contact. This specimen is an unclassified type not associated with a specific cultural period.



Artifact 1-10 is a bifacial drill proximal. It is an unstemmed specimen with a missing tip, a straight blade, no notches, no shoulders and a convex base. The cross section is diamond-shaped with edge abrading on the blade and no beveling. Maximum dimensions are 4.7 cm x 2.7 cm x 0.9 cm and it weighs 10.0 g. The raw material is Burlington chert, which is found locally. Microscopic examination revealed wear resulting from perforating. This specimen is an unclassified type possibly associated with the Woodland-Mississippi Period.

Artifact 1-11 is a dart point. It is an expanding stem specimen with a rounded tip, an excurvate blade, side notches, square shoulders and a straight base. The cross section is biconvex with no edge abrading and no beveling. Maximum dimensions are 3.8 cm x 3.4 cm x 0.7 cm and it weighs 10.2 g. The stem measures 1.2 cm x 2.8 cm and comprises about 32% of the total length of the specimen. The raw material is Jefferson City chert, which is found locally in the deeper valleys. Microscopic examination revealed no evidence of use-wear. This specimen most closely resembles the Godar type, which is associated with the Late Archaic Period.



Artifact 1-12 is a bifacial knife. It is a lobed stem specimen with a missing tip, a damaged blade, corner notches, barbed shoulders and a concave base. The cross section is biconvex with no edge abrading and no beveling. Maximum dimensions are 3.5 cm x 3.7 cm x 0.7 cm and it weighs 9.1 g. The stem measures 1.4 cm long and comprises about 40% of the total length of the specimen. The raw material is Jefferson City chert, which is found locally in the deeper valleys. Microscopic examination revealed wear resulting from cutting meat with bone contact. This specimen is exhausted and is an unclassified type possibly associated with the Late Archaic Period.

Artifact 1-14 is a dart point. It is an expanding stem specimen with a missing tip, a damaged blade, corner notches, barbed shoulders and a straight base. The cross section is biconvex with no edge abrading and no beveling. The tip has been carried away by an impact fracture. Maximum dimensions are $2.7 \text{ cm} \times 2.8 \text{ cm} \times 0.7 \text{ cm}$ and it weighs 4.8 g. The stem measures $1.0 \text{ cm} \times 1.7 \text{ cm}$ and comprises about 37% of the total length of the specimen. The raw material is heat-treated Burlington chert, which is found locally. Microscopic examination revealed no evidence of use-wear. This specimen most closely resembles the Kings Corner Notched type, which is associated with the Woodland Period.



Artifact 1-15 is a bifacial knife. It is an expanding stem specimen with a missing tip, an excurvate blade, corner notches, barbed shoulders and a straight base. The cross section is planoconvex with no edge abrading and no beveling. Maximum dimensions are 3.5 cm x 2.4 cm x 0.5 cm and it weighs 4.7 g. The stem measures 1.0 cm x 1.6 cm and comprises about 29% of the total length of the specimen. The raw material is heat-treated Burlington chert, which is found locally. Microscopic examination revealed wear resulting from cutting meat with bone contact. This specimen most closely resembles the Kings Corner Notched type, which is associated with the Woodland Period.

Artifact 1-16 is a projectile point /knife proximal. It is an expanding stem specimen with a missing tip, a damaged blade, corner notches, barbed shoulders and a convex base. The cross section is biconvex with edge abrading on the base and no beveling. The tip has been carried away by an impact fracture. Maximum dimensions are 3.4 cm x 2.4 cm x 0.5 cm and it weighs 3.7 g. The stem measures 0.9 cm x 1.5 cm and comprises about 26% of the total length of the specimen. The raw material is Burlington chert, which is found locally. Microscopic examination revealed wear resulting from cutting meat with bone contact. This specimen most closely resembles the Kings Corner Notched type, which is associated with the Woodland Period.

Artifact 1-17 is a projectile point/knife. It is an expanding stem specimen with a missing tip, a damaged blade, corner notches, barbed shoulders and a convex base. The cross section is biconvex with no edge abrading and no beveling. The tip has been carried away by an impact fracture. Maximum dimensions are 22.2 cm x 1.9 cm x 0.5 cm and it

weighs 2.2 g. The stem measures 0.9 cm x 1.4 cm and comprises about 4% of the total length of the specimen. The raw material is Jefferson City chert, which is found locally in the deeper valleys. Microscopic examination revealed wear resulting from cutting meat without bone contact. This specimen most closely resembles the Kings Corner Notched type, which is associated with the Woodland Period. This specimen is small enough to have served as an arrow point, but it probably was a small dart point also used slightly as a cutting tool.

Artifact 1-18 is a bifacial knife. It is an expanding stem specimen with a missing tip, a straight blade, corner notches, barbed shoulders and a straight base. The cross section is biconvex with no edge abrading and no beveling. Maximum dimensions are 2.8 cm x 2.0 cm x 0.5 cm and it weighs 2.7 g. The stem measures 0.8 cm x 1.4 cm and comprises about 29% of the total length of the specimen. The raw material is a glassy, high-grade Jefferson City chert, which is found locally in the deeper valleys. Microscopic examination revealed wear resulting from cutting meat without bone contact. This specimen is resharpened and most closely resembles the Kings Corner Notched type, which is associated with the Woodland Period. This is a very small specimen, possibly Late Woodland in age.

Artifact 1-20 is a dart point. It is an expanding stem specimen with a missing tip, a damaged blade, corner notches, barbed shoulders and a straight base. The cross section is biconvex with no edge abrading and no beveling. The tip has been carried away by an impact fracture. Maximum dimensions are 2.0 cm x 2.3 cm x 0.5 cm and it weighs 2.3 g. The stem measures 0.8 cm x 1.3 cm and comprises about 40% of the total length of the specimen. The raw material is heat-treated Burlington chert, which is found locally. Microscopic examination revealed no evidence of use-wear. This specimen is a



variant of the Kings Corner Notched type, which is associated with the Woodland Period.



Artifact 1-21 is a bifacial knife. It is an expanding stem specimen with a pointed tip, a straight blade, corner notches, barbed shoulders and a straight base. The cross section is biconvex with no edge abrading and no beveling. Maximum dimensions are 2.7 cm x 2.2 cm x 0.5 cm and it weighs 2.2 g. The stem measures 0.8 cm x 1.4 cm and comprises about 30% of the total length of the specimen. The raw material is Jefferson City chert, which is found locally in the deeper valleys. Microscopic examination revealed wear resulting from cutting meat with bone contact. This specimen is a resharpened and is a variant of the Kings Corner Notched type, which is associated with

the Woodland Period.

Artifact 1-22 is a bifacial knife. It is an expanding stem specimen with a missing tip, a damaged blade, corner notches, missing shoulders and a straight base. The cross section is biconvex with no edge abrading and no beveling. Maximum dimensions are 2.4

cm x 2.0 cm x 0.4 cm and it weighs 2.4 g. The stem measures 0.7 cm x 1.3 cm and comprises about 29% of the total length of the specimen. The raw material is Jefferson City chert, which is found locally in the deeper valleys. Microscopic examination revealed wear resulting from cutting meat without bone contact. This specimen is resharpened and is a variant of the Kings Corner Notched type, which is associated with the Woodland Period.

Artifact 1-23 is a projectile point/knife. It is an expanding stem specimen with a missing tip, a damaged blade, corner notches, barbed shoulders and a convex base. The cross section is biconvex with no edge abrading and no beveling. The tip has been carried away by an impact fracture. Maximum dimensions are 2.5 cm x 1.8 cm x 0.5 cm and it weighs 2.3 g. The stem measures 0.8 cm x 1.1 cm and comprises about 32% of the total length of the specimen. The raw material is heat-treated Burlington chert, which is found locally. Microscopic examination revealed wear resulting from cutting meat with bone contact. This specimen is a variant of the Kings Corner Notched type, which is associated with the Woodland Period.

Artifact 1-24 is a bifacial knife. It is an expanding stem specimen with a pointed tip, an excurvate blade, corner notches, barbed shoulders and a straight base. The cross section is biconvex with no edge abrading and no beveling. Maximum dimensions are 2.6 cm x 1.7 cm x 0.5 cm and it weighs 2.0 g. The stem measures 0.8 cm x 1.2 cm and comprises about 31% of the total length of the specimen. The raw material is heat-treated Burlington chert, which is found locally. Microscopic examination revealed wear resulting from cutting meat with bone contact. This specimen is resharpened and is a variant of the Kings Corner Notched type, which is associated with the Woodland Period.

Artifact 1-26 is a bifacial knife. It is an expanding stem specimen with a missing tip, a damaged blade, corner notches, barbed shoulders and a concave base. The cross section is biconvex with no edge abrading and no beveling. Maximum dimensions are 2.2 cm 7 $2.2 \text{ cm} \times 0.4 \text{ cm}$ and it weighs 2.2 g. The stem measures $0.8 \text{ cm} \times 1.3$ cm and comprises about 36% of the total length of the specimen. The raw material is Jefferson City chert, which is found locally in the deeper valleys. Microscopic examination revealed wear resulting from cutting meat with bone contact. This specimen is resharpened and is a variant of Kings Corner Notched type, which is associated with the Woodland Period.



Artifact 1-27 is a bifacial knife. It is an expanding stem specimen with a missing tip, an asymmetrical blade, corner notches, barbed shoulders and a concave base. The cross section is rhomboidal with no edge abrading and beveling on the left side of the blade. Maximum dimensions are 2.7 cm x 1.8 cm x 0.5 cm and it weighs 2.5 g. The stem measures 0.8 cm x 1.6 cm and comprises about 30% of the total length of the specimen. The raw material is heat-treated Burlington chert, which is found locally. Microscopic examination revealed wear resulting from cutting meat with bone contact. This specimen

is resharpened and is a variant of the Fairland type, which is associated with the Late Archaic and Woodland periods.

Artifact 1-28 is a dart point. It is an expanding stem specimen with a missing tip, a damaged blade, corner notches, missing shoulders and a straight base. The cross section is biconvex with edge abrading on the base and no beveling. The tip has been carried away by an impact fracture. Maximum dimensions are $2.7 \, \mathrm{cm} \times 1.3 \, \mathrm{cm} \times 0.5 \, \mathrm{cm}$ and it weighs $2.2 \, \mathrm{g}$. The stem measures $0.8 \, \mathrm{cm} \times 1.5 \, \mathrm{cm}$ and comprises about 30% of the total length of the specimen. The raw material is Burlington chert, which is found locally. Microscopic examination revealed no evidence of use-wear. This specimen is exhausted and is a variant of the Kings Corner Notched type, which is associated with the Woodland Period.



Artifact 1-32 is an arrow point. It is an expanding stem specimen with a pointed tip, a straight blade, corner notches, barbed shoulders and a straight base. The cross section is biconvex with no edge abrading and no beveling. Maximum dimensions are 2.0 cm x 1.3 cm x 0.0 cm and it weighs 0.7 g. The stem measures 0.7 cm long and comprises about 35% of the total length of the specimen. The raw material is Burlington chert, which is found locally. Microscopic examination revealed no evidence of

use-wear. This specimen most closely resembles the Scallorn Sattler type, which is associated with the _ate Woodland Period. This is a diminutive copy of Kings Corner Notched bifaces. The size and technique of manufacture suggest a Late Woodland affiliation.

Artifact 1-33 is an arrow point. It is an expanding stem specimen with a pointed up, a serrated blade, corner notches, barbed shoulders and a damaged base. The cross section is biconvex with no edge abrading and no bevelung. Maximum dimensions are $2.7 \text{ cm} \times 1.2 \text{ cm} \times 0.4 \text{ cm}$ and it weighs 1.1 g. The raw material is Jefferson City chert, which is found locally in the deeper valleys. Microscopic examination revealed no evidence of use-wear. This specimen most closely resembles the Sequoyah type, which is associated with the Mississippi Period.



Artifact 1-34 is a bifacial knife. It is a contracting stem specimen with a missing tip, a damaged blade, corner removed, sloping shoulders and a damaged base. The cross section is biconvex with no edge abrading and no beveling. Maximum dimensions are 3.7 cm x 2.6 cm x 0.7 cm and it weighs 7.9 g. The stem measures 0.0 cm x 1.7 cm and comprises about 0% of the total length of the specimen. The raw material is heat-treated Burlington chert, which is found locally. Microscopic examination revealed wear resulting from cutting meat with bone contact. This specimen is resharpened and most closely resembles the Waubesa type, which is associated with the Woodland Period.

Artifact 1-35 is a projectile point/knife. It is a parallel stem specimen with a rounded tip, a straight blade missing shoulders and a damaged base. The cross section is



biconvex with no edge abrading and no beveling. Maximum dimensions are 3.7 cm \times 2.7 cm \times 0.8 cm and it weighs 8.2 g. The stem measures 1.7 cm \times 2.1 cm and comprises about 46% of the total length of the specimen. The raw material is Burlington chert, which is found locally. Microscopic examination revealed no evidence of use-wear. This specimen is exhausted and is an unclassified type possibly associated with the Middle Archaic Period.

Artifact 1-36 is a dart point. It is a parallel stem specimen with a missing tip, a straight blade, missing shoulders and a straight base. The cross section is biconvex with no edge abrading and no beveling. The tip has been carried away by an impact fracture. Maximum dimensions are 1.9 cm x 1.9 cm x 0.5 cm and it weighs 2.2 g. The stem measures 1.0 cm x 1.9 cm and comprises about 53% of the total length of the specimen. The raw material is Burlington chert, which is found locally. Microscopic examination



revealed no evidence of use-wear. This specimen is exhausted and is an unclassified type possibly associated with the Late Archaic Period.

Artifact 1-37 is a bifacial end scraper made on the base of a Big Creek biface. It has a missing tip, an excurvate blade, notching, shoulders and a convex base. The cross section is plano-convex with no edge abrading and unifacial beveling. Maximum dimensions are 2.4 cm x 3.1 cm x 0.7 cm and it weighs 6.3 g. The raw material is Jefferson City chert, which is found locally in the deeper valleys. Microscopic examination revealed wear resulting from scraping wet hide. This specimen is a reworked Big Creek point, which is associated with the Late Archaic Period. It has been broken at the shoulders and the base has been unifacially beveled and used as a scraping edge.

Artifact 1-38 is a bifacial knife proximal. It has a missing tip and a damaged blade, shoulders stem and base. The cross section is biconvex with no edge abrading and no beveling. Maximum dimensions are $4.8 \text{ cm} \times 3.2 \text{ cm} \times 0.8 \text{ cm}$ and it weighs 3.0 g. The raw material is heat-treated Burlington chert, which is found locally. Microscopic examination revealed wear resulting from cutting meat with bone contact. This specimen is an unclassified type not associated with a specific cultural period.

Artifact 1-40 is a bifacial knife proximal. It is a parallel stem specimen with a missing tip, a damaged blade, no notches, square shoulders and a damaged base. The cross section is rhomboidal with no edge abrading and beveling on the right blade edge. Maximum dimensions are 3.1 cm x 3.5 cm x 1.0 cm and it weighs 12.2 g. The stem measures 1.2 cm x 2.2 cm and comprises about 39% of the total length of the specimen. The raw material is heat-treated Burlington chert, which is found locally. Microscopic examination revealed wear resulting from cutting meat without bone contact. This specimen is resharpened and is an unclassified type possibly associated with the Middle Archaic Period.

Artifact 1-41 is a dart point proximal. It is a parallel stem specimen with a missing tip, a damaged blade, basal notches, barbed shoulders and a straight base. The cross section is plano-convex with edge abrading on the base and stem and no beveling. The tip has been carried away by an impact fracture. Maximum dimensions are 3.9 cm x 2.4 cm x 0.9 cm and it weighs 8.9 g. The stem measures 1.1 cm x 1.6 cm and comprises about 28% of the total length of the specimen. The raw material is heat-treated Burlington chert, which is found locally. Microscopic examination revealed no evidence of use-wear. This specimen is a variant of the Smith type, which is associated with the Late Archaic Period.

Artifact 1-42 is a bifacial knife proximal. It is a corner removed parallel stem specimen with a missing tip, a damaged blade, square shoulders and a damaged base. The cross section is biconvex with edge abrading on the stem and no beveling. Maximum dimensions are 3.2 cm x 3.2 cm x 0.9 cm and it weighs 10.1 g. The stem measures 1.2 cm long and comprises about 38% of the total length of the specimen. The raw material is heat-treated Burlington chert, which is found locally. Microscopic examination revealed wear resulting from cutting meat without bone contact. This specimen is an unclassified type possibly associated with the Late Archaic Period.

Artifacts cataloged as 1-43 include two biface stems. It is a damaged stem specimen with a missing tip, an missing blade, corner notches, missing shoulders and a missing base. The cross section is N/A with no edge abrading and no beveling. Together they weigh 15.7 g. The raw material is heat-treated Burlington chert, which is found locally. Microscopic examination revealed no evidence of use-wear. This specimen is an unclassified type not associated with a specific cultural period.

Artifact 1-44 is a bifacial knife midsection. It is an missing stem specimen with a missing tip, a straight blade, corner notches, damaged shoulders and a missing base. The cross section is biconvex with no edge abrading and no beveling. Maximum dimensions are 3.1 cm x 1.8 cm x 0.5 cm and it weighs 3.0 g. The raw material is heat-treated Reeds Spring chert, which is found in southwest Missouri and northwest Arkansas into northeast Oklahoma and extreme southeast Kansas. Microscopic examination revealed wear resulting from cutting meat with bone contact. This specimen is an unclassified type possibly associated with the Woodland Period.

Artifact 1-48 is a bifacial end scraper. It is a parallel stem specimen with a rounded tip, an excurvate blade, no notches, no shoulders and a missing base. The cross section is plano-convex with edge abrading on the stem and unifacial beveling. It is manufactured from a broken preform that has been unifacially worked on the proximal end to form a scraper. Maximum dimensions are 3.7 cm x 3.4 cm x 1.0 cm and it weighs 16.3 g. The stem measures 1.4 cm x 2.6 cm and comprises about 38% of the total length of the specimen. The raw material is heat-treated Burlington chert, which is found locally. Microscopic examination revealed wear resulting from scraping wet hide. This specimen is an unclassified type not associated with a specific cultural period.

Artifact 1-49 is a flake scraper fragment. It is an unstemmed specimen with a missing tip, an excurvate blade, no notches, no shoulders and a straight base. The cross section is plano-convex with no edge abrading and unifacial beveling. Maximum dimensions are 2.6 cm x 3.3 cm x 0.5 cm and it weighs 5.6 g. The raw material is Jefferson City chert, which is found locally in the deeper valleys. Microscopic examination revealed wear resulting from scraping wet hide. This specimen is an unclassified type not associated with a specific cultural period.

23PO384

23PO384 is a prehistoric habitation exhibiting evidence of Late Archaic and Woodland Period occupations. It was recorded by Howard Wimmer in 1986 when he collected 4 artifacts weighing 60.2 g. These included 2 bifacial knife fragments (14.1 g) and 2 bifacial knives (46.1 g).

Artifact 1-1 is a bifacial knife. It is an unstemmed specimen with a rounded tip, an asymmetrical blade, no notches, no shoulders and a convex base. The cross section is biconvex with no edge abrading and no beveling. Maximum dimensions are 8.5 cm x 3.4 cm x 1.0 cm and it weighs 34.8 g. The raw material is Burlington chert, which is found locally. Microscopic examination revealed wear resulting from cutting meat with bone contact. This specimen is an unclassified type not associated with a specific cultural period.

Artifact 1-2 is a bifacial knife. It is an expanding stem specimen with a rounded tip, an asymmetrical blade, corner notches, sloping shoulders and a straight base. The cross section is biconvex with no edge abrading and no beveling. Maximum dimensions are 3.9 cm x 3.3 cm x 0.8 cm and it weighs 11.3 g. The stem measures 1.3 cm x 2.7 cm and comprises about 33% of the total length of the specimen. The raw material is Jefferson City chert, which is found locally in the deeper valleys. Microscopic examination revealed wear resulting from cutting meat with bone contact. This specimen is exhausted and most closely resembles the Stone Corner Notched type, which is associated with the Late Archaic Period.

Artifact 1-3 is a bifacial knife proximal. It is an expanding stem specimen with a missing tip, a damaged blade, basal notches, barbed shoulders and a convex base. The cross section is biconvex with no edge abrading and no beveling. Maximum dimensions are 2.8 cm x 3.4 cm x 0.5 cm and it weighs 5.7 g. The stem measures 1.3 cm x 2.0 cm and comprises about 46% of the total length of the specimen. The raw material is Jefferson City chert, which is found locally in the deeper valleys. Microscopic examination revealed wear resulting from cutting meat with bone contact. This specimen most closely resembles the Castroville type, which is associated with the Late Archaic Period.

Artifact 1-4 is a bifacial knife tip. It has a rounded tip, an excurvate blade, no notches, missing shoulders and a missing stem and base. The cross section is biconvex

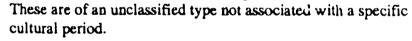
with no edge abrading and no beveling. Maximum dimensions are $3.2 \text{ cm} \times 3.5 \text{ cm} \times 0.9 \text{ cm}$ and it weighs 8.4 g. The raw material is heat-treated Burlington chert, which is found locally. Microscopic examination revealed wear resulting from cutting meat with bone contact. This specimen is an unclassified type possibly associated with the Woodland Period.

23PO385

23PO385 is a prehistoric habitation exhibiting evidence of a Middle Woodland Period occupation. It was recorded by Howard Wimmer in 1986 when he collected 8 artifacts weighing 119.2 g. These included 1 stemmed biface fragment (2.4 g), 1 bifacial drill fragment (7.5 g), 2 bifacial knife fragments (13.9 g), 1 knife/scraper (20.7 g) and 3 preform fragments (74.7 g).

Artifact 1-1 is a bifacial knife/scraper. It is an expanding stem specimen with a missing tip, a damaged blade, corner notches, damaged shoulders and a convex base. The cross section is biconvex with no edge abrading and no beveling. Maximum dimensions are 5.9 cm x 4.2 cm x 0.8 cm and it weighs 20.7 g. The stem measures 1.4 cm x 3.0 cm and comprises about 24% of the total length of the specimen. The raw material is heat-treated Burlington chert, which is found locally. Microscopic examination revealed wear resulting from scraping wet hide. This specimen is resharpened and most closely resembles the Snyders type, which is associated with the Middle Woodland Period.

Artifacts cataloged as 1-2 include two bifacial knife tips. These are unstemmed specimens with pointed tips, excurvate blades, no notches, no shoulders and missing bases. The cross sections are biconvex with no edge abrading and no beveling. Together they weigh 13.9 g. The raw material is heat-treated Burlington chert, which is found locally. Microscopic examination revealed wear resulting from cutting meat with bone contact.





Artifact 1-5 is a bifacial drill proximal. It is an unstemmed specimen with a missing tip, a straight blade, no notches, no shoulders and a straight D-shaped base. The cross section is biconvex with no edge abrading and no beveling. Maximum dimensions are 4.3 cm x 2.9 cm x 0.8 cm and it weighs 7.5 g. The raw material is Jefferson City chert, which is found locally in the deeper valleys. Microscopic examination revealed wear resulting from perforating. This specimen is an unclassified type possibly associated with the Woodland Period.

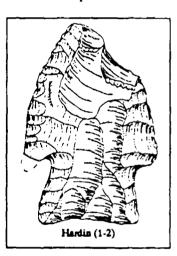
23PO386

23PO386 is a prehistoric habitation exhibiting evidence of Early to Middle Archaic and Middle Woodland Period occupations. It was recorded by Howard Wimmer in 1986

when he collected 8 artifacts weighing 368.6 g. These included 1 hammerstone (260.5 g), 4 bifacial knife fragments (37.4 g), 1 mussel shell fragment (38.3 g), 1 preform fragment (16.0 g) and 1 projectile point/knife (16.3 g).

Artifact 1-1 is a bifacial knife proximal. It is an expanding stem specimen with a missing tip, an excurvate blade, basal notches, rounded shoulders and a recurved base. The cross section is biconvex with no edge abrading and no beveling. Maximum dimensions are 4.1 cm x 3.1 cm x 0.6 cm and it weighs 10.9 g. The stem measures 1.5 cm x 3.1 cm and comprises about 37% of the total length of the specimen. The raw material is heat-treated Burlington chert, which is found locally. Microscopic examination revealed wear resulting from cutting meat with bone contact. This specimen is resharpened and is an unclassified type possibly associated with the Middle Archaic Period. This is a portion of a rare early Middle Archaic biface with deep basal notches, a recurved base, rounded shoulders and thin excurvate blade. Marshall (1958:161) illustrates an example as K8.

Artifact 1-2 is a projectile point/knife. It is an expanding stem specimen with a missing tip, a damaged blade, basal notches, barbed shoulders and a concave base. The cross section is biconvex with edge abrading on the base and stem and no beveling. The tip has been carried away by an impact fracture. Maximum dimensions are 5.1 cm x 3.5 cm x 0.7 cm and it weighs 16.3 g. The stem measures 1.7 cm x 2.6 cm and comprises about 33% of the total length of the specimen. The raw material is Jefferson City chert, which is found locally in the deeper valleys. Microscopic examination revealed wear resulting from cutting meat without bone contact. This specimen most closely resembles the Hardin type, which is associated with the Archaic, Early Period. The



Hardin point is common along the Mississippi River, but is rare in the Stockton area.

Artifact 1-3 is a bifacial knife stem. It is an expanding stem specimen with a missing tip and blade, side notches, missing shoulders and a damaged base. The cross section is biconvex with no edge abrading and no beveling. Maximum dimensions are 2.8 cm x 3.3 cm x 0.9 cm and it weighs 8.8 g. The stem measures 1.2 cm x 0.0 cm and comprises about 43% of the total length of the specimen. The raw material is Jefferson City chert, which is found locally in the deeper valleys. Microscopic examination revealed no evidence of use-wear. This specimen most closely resembles the Gibson type, which is associated with the Middle Woodland Period.

Artifacts cataloged as 1-5 include two bifacial knife distals. Both are unstemmed specimens with rounded tips, damaged blades, no notches, no shoulders and missing bases. The cross sections are biconvex with no edge abrading and no beveling. Together they weigh 17.7 g. The raw material is Jefferson City chert, which is found locally in the deeper valleys. Microscopic examination revealed wear resulting from cutting meat

without bone contact. These specimens are of an unclassified type not associated with a specific cultural period.

23PO387

23PO387 is a prehistoric habitation exhibiting evidence of a Woodland Period occupation. It was recorded by Howard Wimmer in 1986 when he collected 5 artifacts weighing 87.9 g. These included 1 stemmed biface fragment (7.8 g), 1 piece of hematite (47.6 g), 1 bifacial knife fragment (5.1 g) and 2 preform fragments (27.4 g).

Artifact 1-4 is a bifacial knife distal. It is an unstemmed specimen with a rounded tip, an excurvate blade, no notches, no shoulders and a missing base. The cross section is plano-convex with no edge abrading and no beveling. Maximum dimensions are 22.4 cm x 3.4 cm x 0.6 cm and it weighs 5.1 g. The raw material is Jefferson City chert, which is found locally in the deeper valleys. Microscopic examination revealed wear resulting from cutting meat with bone contact. This specimen is an unclassified type not associated with a specific cultural period.

23PO388

23PO388 is a prehistoric habitation exhibiting evidence of Late to Terminal Archaic, Woodland and Mississippi Period occupations. It was recorded by Howard Wimmer in 1986 when he collected 32 artifacts weighing 351.8 g. These included 2 arrow points (1.8 g), 7 biface fragments (37.2 g), 4 stemmed biface fragments (15.2 g), 1 dart point fragment (4.2 g), 3 bifacial knives (36.6 g), 14 preform fragments (242.6 g) and 1 preform (14.2 g).



Artifact 1-3 is a bifacial knife. It is an expanding stem specimen with a missing tip, an incurvate blade, corner notches, barbed shoulders and a convex base. The cross section is biconvex with edge abrading on the base and no beveling. Maximum dimersions are 3.8 cm x 4.2 cm x 0.9 cm and it weighs 13.6 g. The stem measures 1.2 cm x 3.1 cm and comprises about 32% of the total length of the specimen. The raw material is Burlington chert, which is found locally. Microscopic examination revealed wear resulting from cutting meat with bone contact. This

specimen is resharpened and most closely resembles the Marcos type, which is associated with the Late Archaic Period.

Artifact 1-5 is a dart point proximal. It is an expanding stem specimen with a missing tip, a damaged blade, corner notches, barbed shoulders and a straight base. The cross section is irregular with no edge abrading and no beveling. The tip has been carried away by an impact fracture. Maximum dimensions are 2.5 cm x 2.5

cm \times 0.7 cm and it weighs 4.2 g. The stem measures 1.0 cm \times 1.7 cm and comprises about 40% of the total length of the specimen. The raw material is Burlington chert, which is found locally. Microscopic examination revealed no evidence of use-wear. This specimen is resharpened and most closely resembles the Kings Corner Notched type, which is associated with the Late Archaic and Woodland periods.

Artifact 1-9 is a bifacial knife. It is an expanding stem specimen with a rounded tip, a damaged blade, corner notches, missing shoulders and a damaged base. The cross section is biconvex with no edge abrading and no beveling. Maximum dimensions are 3.6 cm x 3.1 cm x 0.8 cm and it weighs 9.1 g. The raw material is heat-treated Jefferson City chert, which is found locally in the deeper valleys. Microscopic examination revealed wear resulting from cutting meat without bone contact. This specimen is exhausted and is an unclassified type possibly associated with the Late Archaic Period.

Artifact 1-12 is a bifacial knife. It is a corner removed contracting stem specimen with a missing tip, a recurved blade, sloping shoulders and a straight base. The cross section is biconvex with no edge abrading and no beveling. Maximum dimensions are 5.5 cm x 3.0 cm x 0.7 cm and it weighs 13.9 g. The stem measures 1.7 cm x 2.4 cm and comprises about 31% of the total length of the specimen. The raw material is heat-treated Burlington chert, which is found locally. Microscopic examination revealed wear resulting from cutting meat with bone contact. This specimen is resharpened and most closely resembles the Standlee type, which is associated with the Woodland Period.

Artifact 1-14 is an arrow point. It is an expanding stem specimen with a pointed tip, an excurvate blade, corner notches, barbed shoulders and a convex base. The cross section is biconvex with no edge abrading and no beveling. Maximum dimensions are $2.2 \text{ cm} \times 1.2 \text{ cm} \times 0.3 \text{ cm}$ and it weighs 0.7 g. The stem measures 0.6 cm \times 0.9 cm and comprises about 27% of the total length of the specimen. The raw material is Jefferson City chert, which is found locally in the deeper valleys. Microscopic examination revealed no evidence of use-wear. This specimen is a variant of the Sequoyah type, which is associated with the Mississippi Period.



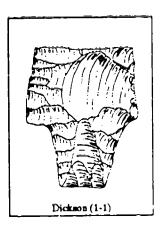
Artifact 1-15 is an arrow point. It is an expanding stem specimen with a missing tip, an asymmetrical blade, corner notches, barbed shoulders and a convex base. The cross section is biconvex with no edge abrading and no beveling. Maximum dimensions are 2.3 cm x 1.3 cm x 0.3 cm and it weighs 1.1 g. The stem measures 0.6 cm x 0.9 cm and comprises about 26% of the total length of the specimen. The raw material is Jefferson City chert, which is found locally in the deeper valleys. Microscopic examination revealed no evidence of use-wear. This specimen is a variant of the Sequoyah type, which is associated with the Mississippi Period.

23PO389

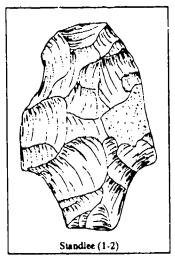
23PO389 is a prehistoric habitation exhibiting evidence of Late to Terminal Archaic and Woodland Period occupations. It was recorded by Howard Wimmer in 1986

when he collected 9 artifacts weighing 69.1 g. The is included 2 bifacial knife fragments (10.1 g), 5 bifacial knives (41.2 g) and 2 preform fragments (17.8 g).

Artifact 1-1 is a bifacial knife. It is a corner removed contracting stem specimen with a missing tip, a straight blade, square shoulders and a straight base. The cross section is biconvex with edge abrading on the stem and no beveling. Maximum dimensions are 3.6 cm x 2.9 cm x 0.5 cm and it weighs 7.7 g. The stem measures 1.5 cm x 2.0 cm and comprises about 42% of the total length of the specimen. The raw material is heat-treated Burlington chert, which is found locally. Microscopic examination revealed wear resulting from cutting meat with bone contact. This specimen is resharpened and most closely resembles the Dickson type, which is associated with the



Woodland Period.



Artifact 1-2 is a bifacial knife. It is a corner removed contracting stem specimen with a missing tip, an asymmetrical blade, sloping shoulders and a straight base. The cross section is biconvex with edge abrading on the stem and no beveling. Maximum dimensions are 5.4 cm x 3.6 cm x 0.9 cm and it weigh. 14.6 g. The stem measures 1.6 cm x 2.5 cm and comprises about 30% of the total length of the specimen. The raw material is heat-treated Burlington chert, which is found locally. Microscopic examination revealed wear resulting from cutting meat with bone contact. This specimen most closely resembles the Standlee type, which is associated with the Woodland Period.

Artifact 1-3 is a bifacial knife. It is a corner removed contracting stem specimen with a pointed tip, an excurvate blade, sloping shoulders and a concave base. The cross section is biconvex with edge abrading on the stem and no beveling. Maximum dimensions are 4.8 cm x 2.3 cm x 0.6 cm and it weighs 7.0 g. The stem measures 1.5 cm x 1.7 cm and comprises about 31% of the total length of the specimen. The raw material is Jefferson City chert, which is found locally in the deeper valleys. Microscopic examination revealed wear resulting from cutting ment with bone contact. This specimen

is resharpened and is an unclassified type possibly associated with the Woodland Period. The stem is more basally concave than Langtry and less shouldered. Similar points were recovered from Woodland levels at the Albertson site (3BE174; Dickson 1991:94-96).

Artifact 1-4 is a bifacial knife. It is an expanding stem specimen with a missing tip, a straight blade, corner notches, barbed shoulders and a straight base. The cross section is plano-convex



Kings Corper Notched (1-4)

with no edge abrading and unifacial beveling. Maximum dimensions are 3.1 cm x 2.5 cm x 0.5 cm and it weighs 4.2 g. The stem measures 1.0 cm x 1.7 cm and comprises about 32% of the total length of the specimen. The raw material is Burlington chert, which is found locally. Microscopic examination revealed wear resulting from cutting meat without bone contact. This specimen most closely resembles the Kings Corner Notched type, which is associated with the Late Archaic and Woodland periods.

Artifact 1-5 is a bifacial knife. It has a pointed tip, an incurvate blade, corner removed, sloping shoulders and a missing stem and base. The cross section is biconvex with no edge abrading and no beveling. Maximum dimensions are 3.9 cm x 2.8 cm x 0.8 cm and it weighs 7.7 g. The raw material is Burlington chert, which is found locally. Microscopic examination revealed wear resulting from cutting bone of antier. This specimen is exhausted and is an unclassified type possibly associated with the Late Archaic Period.

Artifacts cataloged as 1-7 include two bifacial knife midsections. Both are unstemmed specimens with missing tips, a damaged blade, no notches, no shoulders and a missing bases. The cross sections are biconvex with no edge abrading and no beveling. Together they weigh 10.1 g. The raw materials include Jefferson City and heat-treated Burlington chert, both of which are found locally. Microscopic examination revealed wear resulting from cutting meat with bone contact. These are of an unclassified type not associated with a specific cultural period.

23PO390

23PO390 is a prehistoric habitation of unknown cultural affiliation. It was recorded by Howard Wimmer in 1986 when he collected 6 artifacts weighing 114.0 g. These included 2 bifacial knife fragments (26.5 g) and 4 preform fragments (87.5 g).

Artifact 1-1 is a bifacial knife distal. It is an unsternmed specimen with a pointed tip, an asymmetrical blade, no notches, no shoulders and a missing base. The cross section is biconvex with no edge abrading and no beveling. Maximum dimensions are 6.7 cm x 4.2 cm x 0.9 cm and it weighs 20.6 g. The raw material is Jefferson City chert, which is found locally in the desper valleys. Microscopic examination revealed wear resulting from cutting meat with bone contact. This specimen is an unclassified type not associated with a specific cultural period.

Artifact 1-3 is a bifacial knife distal. It is an unstemmed specimen with a rounded tip, an asymmetrical blade, no notches, no shoulders and a missing base. The cross section is biconvex with no edge abrading and no beveling. Maximum dimensions are 3.2 cm x 3.0 cm x 0.7 cm and it weighs 5.9 g. The raw material is heat-treated Burlington chert, which is found locally. Microscopic examination revealed wear resulting from cutting meat with bone contact. This specimen is an unclassified type not associated with a specific cultural period.

23PO391 is a prehistoric habitation exhibiting evidence of Late Archaic and Woodland Period occupations. It was recorded by Howard Wimmer in 1986 when he collected 11 artifacts weighing 106.1 g. These included 2 biface fragments (11.8 g), 1 stemmed biface fragment (2.5 g), 1 bifacial drill fragment (1.0 g), 1 bifacial knife fragment (3.9 g), 2 bifacial knives (9.4 g) and 4 preform fragments (77.5 g).



Artifact 1-1 is a bifacial knife. It is an expanding stem specimen with a missing tip, an incurvate blade, basal notches, barbed shoulders and a recurved base. The cross section is biconvex with no edge abrading and no beveling. Maximum dimensions are $3.1 \text{ cm } \times 3.3 \text{ cm } \times 0.7 \text{ cm}$ and it weighs 5.7 g. The stem measures $0.6 \text{ cm } \times 1.6 \text{ cm}$ and comprises about 19% of the total length of the specimen. The raw material is heattreated Burlington chert, which is found locally. Microscopic examination revealed wear resulting from cutting meat without

bone contact. This specimen is an unclassified type not associated with a specific cultural period. This is an unusual biface with angular basal notches forming a short stem with a recurved base. It probably is Archaic, but examples have not been found in dated context.

Artifact 1-3 is a bifacial knife. It is an expanding stem specimen with a rounded tip, an excurvate blade, side notches, square shoulders and a straight base. The cross section is biconvex with no edge abrading and no beveling. Maximum dimensions are 3.2 cm x 2.0 cm x 0.5 cm and it weighs 3.7 g. The stem measures 0.9 cm x 1.6 cm and comprises about 28% of the total length of the specimen. The raw material is Burlington chert, which is found locally. Microscopic examination revealed wear resulting from cutting meat without bone contact. This specimen is an unclassified type possibly associated with the Late Archaic Period. It features characteristics of the Table Rock point, but has a more expanding stem. It also resembles the Steuben point except the notches are too narrow.



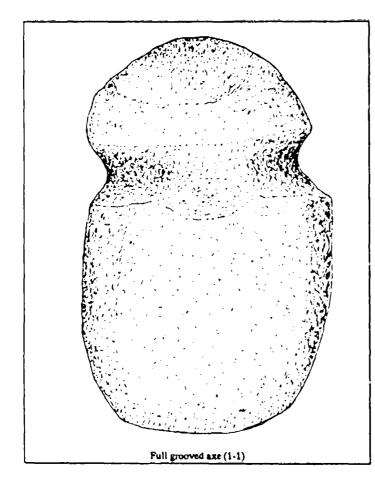
Artifact 1-4 is a bifacial knife proximal. It is an expanding stem specimen with a missing tip, a damaged blade, corner notches, square shoulders and a concave base. The cross section is biconvex with no edge abrading and no beveling. Maximum dimensions are 3.0 cm x 3.2 cm x 0.6 cm and it weighs 3.9 g. The stem measures 1.0 cm x 2.4 cm and comprises about 33% of the total length of the specimen. The raw material is Pierson chert, which is abundant in the Branson area and may be available in isolated areas locally. Microscopic examination revealed no evidence of use-wear. This specimen most closely resembles the Fairland type, which is associated with the Late Archaic Period.

Artifact 1-7 is a bifacial drill midsection. The cross section is biconvex with no edge abrading and no beveling. Maximum dimensions are $2.3 \text{ cm} \times 0.9 \text{ cm} \times 0.4 \text{ cm}$ and it

weighs 1.0 g. The raw material is Burlington chert, which is found locally. Microscopic examination revealed wear resulting from perforating. This specimen is an unclassified type not associated with a specific cultural period.

23PU394

23PO394 is a prehistoric habitation exhibiting evidence of Early to Late Archaic, Middle to Late Woodland, Mississippi and Late Prehistoric Period occupations. It was recorded by Howard Wimmer in 1986 when he collected 110 artifacts weighing 2,402.3 g. These included 1 flat abrader (530.2 g), 2 adze fragments (49.3 g), 4 arrow point fragments (3.3 g), 6 arrow points (5.1 g), 1 full grooved axe fragment (321.0 g), 1 biface fragment (12.3 g), 5 stemmed biface fragment s(34.4 g), 1 stemmed biface (13.4 g), 1 burin fragment (8.0 g), 2 dart points (15.0 g), 40 bifacial knife fragments (248.6 g), 5 bifacial knife (56.5 g), 1 knife/scraper fragment (29.4 g), 1 knife/scraper (15.9 g), 1 Limestone (132.2 g), 26 preform fragments (440.9 g), 3 preforms (88.7 g), 1 aborted preform (54.3 g), 2 projectile point/knife fragments (9.2 g), 2 projectile point/knives (7.2 g), 2 bifacial end scraper fragments (56.9 g), 1 flake scraper fragment (41.3 g) and 1 piece of unmodified tripoli (229.2 g).



Artifact 1-1 is a full grooved axe. Maximum dimensions are 10.6 cm x 6.7 cm x 3.4 cm and it weighs 321.0 g. The groove averages 1.3 cm wide and 0.3 cm deep. The raw material is a very hard sandstone of unknown origin. Microscopic examination revealed no evidence of use-wear. This specimen is an unclassified type associated with the Archaic Period.

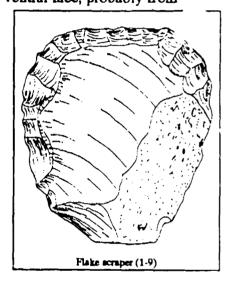
Artifact 1-2 is a flat abrader. Maximum dimensions are 11.1 cm x 7.2 cm x 4.5 cm (530.2 g). The raw material is sandstone from an unknown source. Microscopic examination revealed wear resulting from pecking and grinding. This specimen is an unclassified type possibly associated with the Woodland Period.

Artifact 1-7 is an adze distal end. It has a rounded tip, an excurvate blade, no shoulders and a missing base. The cross section is biconvex with no edge abrading and beveling of the distal end. Maximum dimensions are 4.3 cm x 3.1 cm x 0.9 cm and it weighs 13.8 g. The raw material is Burlington chert, which is found locally. Microscopic examination revealed wear resulting from cutting wood. This is an unclassified type not associated with a specific cultural period.

Artifact 1-8 is an adze distal end. It has a rounded tip, an excurvate blade, no notches, no shoulders and a missing stem and base. The cross section is biconvex with edge abrading on the Edge and Distal beveling. An attempt has been made to rework the broken poll by percussion flaking, probably to assist in hafting and continuing to use the distal part. Maximum dimensions are 4.9 cm x 4.6 cm x 1.2 cm and it weighs 35.5 g. The raw material is Jefferson City chert, which is found locally in the deeper valleys. Microscopic examination revealed brilliant polish on the ventral face, probably from

working charred wood. The dorsal edge, which has been resharpened unifacially has moderate polish. This specimen is an unclassified type possibly associated with the Woodland Period.

Artifact 1-9 is a flake scraper. Maximum dimensions are 5.8 cm x 4.7 cm x 1.2 cm and it weighs 41.3 g. A thick decortication flake has been unifacially beveled to form a scraper. The raw material is Burlington chert, which is found locally. Microscopic examination revealed wear resulting from scraping wet hide. This specimen is resharpened and is an unclassified type possibly associated with the Woodland Period.



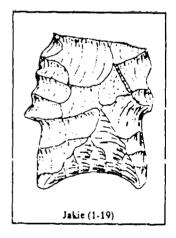
Artifact 1-10 is a bifacial end scraper distal. It is an unnotched and unstemmed specimen with a rounded tip, an excurvate blade, no shoulders and a missing stem and base. The cross section is biconvex with no edge abrading and bifacial beveling. Maximum dimensions are 5.9 cm x 4.7 cm x 1.9 cm and it weighs 45.2 g. The raw material is Pierson chert, which is abundant in the Branson area and may be available in isolated areas locally. Microscopic examination revealed wear resulting from scraping wood. This specimen is an unclassified type possibly associated with the Middle Woodland Period.

Artifacts cataloged as 1-11 include 15 bifacial knife midsections. All have a missing tips, damaged blades, missing shoulders and missing stems and bases. None eshibit no edge abrading or beveling. Together they weigh 85.8 g. The raw materials include Jefferson City, plain and heat-treated Burlington and an unidentified chert. Microscopic examination revealed wear resulting from cutting meat with bone contact. These specimens are of an unclassified type not associated with a specific cultural period.

Artifacts cataloged as 1-12 include 14 bifacial knife tips. All have pointed tips, excurvate blades, missing shoulders and missing stems and bases. The cross sections are biconvex with no edge abrading and no beveling. Together they weigh 70.1 g. The raw material is Jefferson City, plain and heat-treated Burlington chert and an unidentified chert. Microscopic examination revealed wear resulting from cutting meat with bone contact. These specimens are of an unclassified type not associated with a specific cultural period.

Artifact 1-13 is a bifacial knife midsection. The cross section is rhomboidal with no edge abrading and left beveling. Maximum dimensions are 5.3 cm x 2.5 cm x 1.0 cm and it weighs 15.7 g. The raw material is Burlington chert, which is found locally. Microscopic examination revealed wear resulting from cutting meat without bone contact and from sawing. This specimen is the beveled and serrated midsection from a large Dalton or Rice biface associated with the Early Archaic Period.

Artifact 1-17 is a bifacial end scraper distal. The cross section is plano-convex with no edge abrading and unifacial beveling. Maximum dimensions are 3.1 cm x 4.4 cm x 0.8 cm and it weighs 11.7 g. The raw material is Jefferson City chert, which is found locally in the deeper valleys. Microscopic examination revealed wear resulting from scraping wet hide. This specimen is an unclassified type possibly associated with the Woodland Period.



Artifact 1-19 is a bifacial knife proximal. It is an expanding stem specimen with a missing tip, an asymmetrical blade, no notches, sloping shoulders and a concave base. The cross section is biconvex with edge abrading on the stem and bifacial beveling. Maximum dimensions are 4.1 cm x 3.2 cm x 1.0 cm and it weighs 14.6 g. The stem measures 1.9 cm x 2.9 cm and comprises about 46% of the total length of the specimen. The raw material is Jefferson City chert, which is found locally in the deeper valleys. Microscopic examination revealed wear resulting from cutting meat with bone contact. This specimen is resharpened and most closely resembles the Jakie type, which is associated with the Middle Archaic Period.

Artifact 1-20 is a bifacial knife/scraper. It is an expanding stem specimen with a rounded tip, an excurvate blade, no notches, sloping shoulders and a concave base. The cross section is biconvex with edge abrading on the stem and unifacial beveling. Maximum dimensions are 5.0 cm x 3.3 cm x 0.8 cm and it weighs 15.9 g. The stem measures 1.3 cm x 2.7 cm and comprises about 26% of the total length of the specimen. The raw material is heat-treated Burlington chert, which is found locally. Microscopic examination revealed wear resulting from cutting meat with bone contact and from scraping wet hide. This specimen is resharpened and most closely resembles the Jakie type, which is associated with the Middle Archaic Period.

Artifact 1-21 is a burinated biface proximal. It is an expanding stem specimen with a missing tip, a damaged blade, no notches, missing shoulders and a concave base. The cross section is biconvex with edge abrading on the stem and no beveling.

Maximum dimensions are 3.8 cm x 2.7 cm x 0.7 cm and it weighs 8.0 g. The stem measures 2.0 cm x 2.7 cm and comprises about 53% of the total length of the specimen. The raw material is Jefferson City chert, which is found locally in the deeper valleys. The specimen was broken transversely across the blade where it was burinated at the break-edge junction on both sides, removing the edges. Light use wear from cutting bone or antler is present on



chisel edge. This specimen most closely resembles the Jakie type, which is associated with the Middle Archaic Period.



Artifact 1-22 is a bifacial knife proximal. It is an expanding stem specimen with a missing tip, a straight blade, side notches, square shoulders and a concave base. The cross section is biconvex with edge abrading on the stem and no beveling.

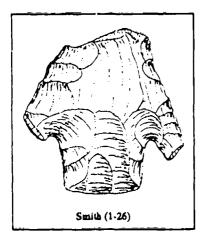
Maximum dimensions are 3.5 cm x 2.8 cm x 1.0 cm and it weighs 10.6 g. The stem measures 1.7 cm x 2.5 cm and comprises about 49% of the total length of the specimen. The raw material is Jefferson City chert, which is found locally in the deeper valleys. Microscopic examination revealed wear resulting from cutting meat with bone contact. This specimen most closely resembles the White River type, which is associated with the Middle Archaic Period.

Artifact 1-23 is a bifacial knife proximal. It is a contracting stem specimen with a missing tip, an asymmetrical blade, no notches, sloping shoulders and a convex base. The cross section is biconvex with edge abrading on the stem and no beveling. Maximum dimensions are 44.3 cm x 2.4 cm x 0.5 cm and it weighs 7.1 g. The stem measures 2.0 cm x 2.0 cm and comprises about 5% of the total length of the specimen. The raw material is heat-treated Burlington chert, which is found locally. Microscopic examination revealed wear resulting from cutting meat with bone contact. This specimen is resharpened and most closely resembles the Waubesa type, which is associated with the Woodland Period.

Artifact 1-25 is a bifacial knife/scraper proximal. It is a corner removed contracting stem specimen with a missing tip, an excurvate blade, sloping shoulders and a rounded base. The cross section is plano-convex with edge abrading on the stem and no beveling.



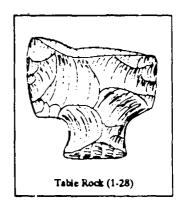
Maximum dimensions are 7.4 cm \times 3.7 cm \times 1.3 cm and it weighs 29.4 g. The stem measures 2.3 cm \times 2.9 cm and comprises about 31% of the total length of the specimen. The raw material is heat-treated Burlington chert, which is found locally. Microscopic examination revealed wear resulting from cutting meat with bone contact and from scraping wet hide. This specimen is an unclassified type possibly associated with the Woodland Period. A thick knot was not removed from one edge. This type is unnamed but fairly common and is characterized by a wide contracting stem with almost no shoulders. Specimens are often over 10 cm in length.



Artifact 1-26 is a bifacial knife. It is a parallel stem specimen with a damaged tip, a straight blade, basal notches, barbed shoulders and a straight base. The cross section is biconvex with edge abrading on the stem and no beveling. Maximum dimensions are 4.2 cm x 4.1 cm x 1.0 cm and it weighs 16.0 g. The stem measures 1.3 cm x 2.2 cm and comprises about 31% of the total length of the specimen. The raw material is Burlington chert, which is found locally. Microscopic examination revealed wear resulting from cutting bone or antier. This specimen is resharpened and most closely resembles the Smith type, which is associated with the Late Archaic Period.

Artifact 1-27 is a bifacial knife. It is a corner removed contracting stem specimen with a damaged tip, a recurved blade, sloping shoulders and a straight base. The cross section is biconvex with no edge abrading and no beveling. Maximum dimensions are 6.6 cm x 2.8 cm x 0.9 cm and it weighs 14.9 g. The stem measures 1.6 cm x 2.0 cm and comprises about 24% of the total length of the specimen. The raw material is heat-treated Burlington chert, which is found locally. Microscopic examination revealed wear resulting from cutting meat with bone contact. This specimen is resharpened and most closely resembles the Dickson type, which is associated with the Woodland Period.

Artifact 1-28 is a bifacial knife proximal. It is an expanding stem specimen with a missing tip, an excurvate blade, corner removed, square shoulders and a straight base. The cross section is biconvex with edge abrading on the stem and no beveling. Maximum dimensions are 3.4 cm x 3.4 cm x 0.9 cm and it weighs 7.8 g. The stem measures 1.0 cm x 1.7 cm and comprises about 29% of the total length of the specimen. The raw material is Burlington chert, which is found locally. Microscopic examination revealed wear resulting from cutting meat with bone contact. This specimen is Unknown and most closely resembles the Table Rock type, which is associated with the Late Archaic Period.



Artifact 1-29 is a bifacial knife proximal. It is an expanding stem specimen with a missing tip, an missing blade, side notches, missing shoulders and a convex base. The cross section is biconvex with edge abrading on the base and no beveling. Maximum dimensions are 2.7 cm x 3.7 cm x 0.7 cm and it weighs 8.4 g. The stem measures 1.3 cm x 2.4 cm and comprises about 48% of the total length of the specimen. The raw material is heat-treated Burlington chert, which is found locally. Microscopic examination revealed no evidence of use-wear. This specimen is Unknown and most closely resembles the Steuben variant type, which is associated with the Woodland Period.



Artifact 1-30 is a bifacial knife. It is an expanding stem specimen with a pointed tip, an asymmetrical blade, side notches, sloping shoulders and a straight base. The cross section is biconvex with edge abrading on the stem and no beveling. Maximum dimensions are 5.9 cm x 2.8 cm x 0.9 cm and it weighs 13.0 g. The stem measures 1.3 cm x 2.2 cm and comprises about 22% of the total length of the specimen. The raw material is Burlington chert, which is found locally. Microscopic examination revealed wear resulting from cutting meat without bone contact. This specimen is a variant of the Steuben type, which is associated with the Woodland Period.

Artifact 1-31 is a bifacial knife proximal. It is an expanding stem specimen

with a missing tip, a damaged blade, side notches, sloping shoulders and a concave base. The cross section is biconvex with edge abrading on the base and no beveling. Maximum dimensions are 3.4 cm x 2.2 cm x 0.6 cm and it weighs 4.9 g. The stem measures 1.5 cm x 2.1 cm and comprises about 44% of the total length of the specimen. The w material is Jefferson City chert, which is found locally in the deeper valleys. Microscopic examination revealed wear resulting from cutting meat without bone contact. This specimen most closely



resembles the White River type, which is associated with the Middle Archaic Period.



Artifact 1-32 is a projectile point/knife proximal. It is an lobed stem specimen with a damaged tip, a damaged blade, side notches, sloping shoulders and a concave base. The cross section is biconvex with no edge abrading and no beveling. The tip has been damaged by an impact fracture. Maximum dimensions are 2.5 cm x 1.9 cm x 0.6 cm and it weighs 3.3 g. The stem measures 0.8 cm x 1.8 cm and comprises about 32% of the total length of the specimen. The raw material is heat-treated Burlington chert, which is found locally. Microscopic

examination revealed wear resulting from cutting meat without bone contact. This specimen is a variant of the White River variant type, which is associated with the Middle Archaic Period.

Artifact 1-33 is a projectile point/knife. It is an expanding stem specimen with a damaged tip, an excurvate blade, side notches, square shoulders and a concave base. The cross section is biconvex with edge abrading on the stem and no beveling. The tip has been damaged by an impact fracture. Maximum dimensions are 3.3 cm x 2.2 cm x 0.8 cm and it weighs 5.8 g. The stem measures 1.5 cm \times 2.0 cm and comprises about 45% of the total length of the specimen. The raw material is Burlington chert, which is found locally. Microscopic examination revealed wear resulting from cutting meat with bone



contact. This specimen is resharpened and most closely resembles the Duncan type, which is associated with the Late Archaic Period.

Artifact 1-35 is a bifacial knife proximal. It is an expanding stem specimen with a missing tip, an asymmetrical blade, side notches, sloping shoulders and a straight base. The cross section is biconvex with no edge abrading and no beveling. Maximum dimensions are 2.9 cm x 2.6 cm x 0.7 cm and it weighs 8.1 g. The stem measures 1.2 cm x 2.7 cm and comprises about 41% of the total length of the specimen. The raw material is Burlington chert, which is found locally. Microscopic examination revealed wear resulting from cutting meat without bone contact. This specimen most closely resembles the Rice Side Notched type, which is associated with the Woodland Period.



Artifact 1-36 is a bifacial knife proximal. It is an expanding stem specimen with a missing tip, a straight blade, side notches, sloping shoulders and a concave base. The cross section is biconvex with edge abrading on the stem and no beveling. Maximum dimensions are 2.7 cm x 2.6 cm x 0.5 cm and it weighs 4.7 g. The stem measures 1.0 cm x 2.6 cm and comprises about 37% of the total length of the specimen. The raw material is heat-treated Jefferson City chert, which is found locally in the deeper valleys. Microscopic examination revealed wear resulting from cutting meat

with bone contact. This specimen is resharpened and most closely resembles the Rice Side Notched type, which is associated with the Woodland Period.

Artifact 1-37 is a dart point. It is an expanding stem specimen with a damaged tip, a damaged blade, side notches, sloping shoulders and a concave base. The cross section is diamond-shaped with edge abrading on the stem and no beveling. The tip has been damaged by an impact fracture. Maximum dimensions are 3.2 cm x 2.9 cm x 0.7 cm and it weighs 7.5 g. The stem measures 1.1 cm x 2.8 cm and comprises about 34% of the total length of the specimen. The raw material is Burlington chert, which is found locally. Microscopic examination revealed no evidence of use-wear. This specimen is exhausted and most closely resembles the Rice Side Notched type, which is associated with the Woodland Period.

Artifact 1-39 is a bifacial knife. It is an lobed stem specimen with a damaged tip, a straight blade, side notches, sloping shoulders and a concave base. The cross section is

biconvex with edge abrading on the base and no beveling. Maximum dimensions are $5.0 \text{ cm} \times 2.2 \text{ cm} \times 0.7 \text{ cm}$ and it weighs 9.6 g. The stem measures $1.2 \text{ cm} \times 1.8 \text{ cm}$ and comprises about 24% of the total length of the specimen. The raw material is heat-treated Burlington chert, which is found locally. Microscopic examination revealed wear resulting from cutting meat with bone contact. This specimen is resharpened and is a variant of the Steuben type, which is associated with the Woodland Period.

Artifact 1-40 is a dart point. It is an expanding stem specimen with a damaged tip, a damaged blade, side notches, missing shoulders and a concave base. The cross section is biconvex with edge abrading on the stem/base and no beveling. The tip has been damaged by an impact fracture. Maximum dimensions are 3.7 cm x 3.4 cm x 0.7 cm and it weighs 7.5 g. The stem measures 1.2 cm x 0.0 cm and comprises about 32% of the total length of the specimen. The raw material is Jefferson City chert, which is found locally in the deeper valleys. Microscopic examination revealed no evidence of use-wear. This specimen is exhausted and most closely resembles the Rice Side Notched type, which is associated with the Woodland Period. Most Rice Side Notched bifaces served as knives, at least early in the use cycle. However, the edges of this specimen are all damaged due to impact, so wear is impossible to recognize if it once existed.

Artifact 1-41 is a bifocal knife proximal. It is an expanding stem specimen with a missing tip, an missing blade, side notches, sloping shoulders and a straight base. The cross section is biconvex with edge abrading on the stem and no beveling. Maximum dimensions are 2.8 cm x 2.9 cm x 0.8 cm and it weighs 7.8 g. The stem measures 1.3 cm x 2.7 cm and comprises about 46% of the total length of the specimen. The raw material is Burlington chert, which is found locally. Microscopic examination revealed wear resulting from cutting meat without bone contact. This specimen most closely resembles the Rice Side Notched type, which is associated with the Woodland Period.

Artifact 1-42 is a projectile point/knife proximal. It is an expanding stem specimen with a missing tip, a damaged blade, side notches, missing shoulders and a concave base. The cross section is biconvex with no edge abrading and no beveling. The tip has been carried away by an impact fracture. Mrximum dimensions are 3.3 cm x 2.5 cm x 0.7 cm and it weighs 5.9 g. The stem measures 1.2 cm x 0.0 cm and comprises about 36% of the total length of the specimen. The raw material is Burlington chert, which is found locally. Microscopic examination revealed wear resulting from cutting meat with bone contact. This specimen is exhausted and most closely resembles the Rice Side Notched type, which is associated with the Woodland Period.

Artifact 1-43 is a bifacial knife. It is an expanding stem specimen with a pointed tip, a straight blade, side notches, square shoulders and a straight base. The cross section is rhomboidal with no edge abrading and beveling on the left blade edge. Maximum dimensions are 3.1 cm x 1.8 cm x 0.6 cm and it weighs 3.0 g. The stem measures 1.0 cm x 1.6 cm and comprises about 32% of the total length of the specimen. The raw material is heat-treated Burlington chert, which is found locally.

Microscopic examination revealed wear resulting from cutting meat without bone contact. This specimen is an unclassified type possibly associated with the Woodland Period. This biface is small enough to be an arrow point, however it is too thick and beveling is not usually found on arrow points.



Artifact 1-45 is a projectile point/mife. It is an expanding stem specimen with a damaged tip, an excurvate blade, corner notches, barbed shoulders and a recurved base. The cross section is biconvex with no edge abrading and no beveling. The tip has been damaged by an impact fracture. Maximum dimensions are 1.7 cm x 1.8 cm x 0.5 cm and it weighs 1.4 g. The stem measures 0.5 cm x 1.5 cm and comprises about 29% of the total length of the specimen. The raw material is heat-treated

Jefferson City chert, which is found locally in the deeper valleys. Microscopic examination revealed wear resulting from cutting meat without bone contact. This specimen is an unclassified type possibly associated with the Woodland Period. This is a very small biface. The shape is like a San Patrice, but there is no stem grinding and it is too small. Similar bifaces were recovered from a Middle Woodland context at the Albertson site (category MW-2) where they seemed to function as dart points (Dickson 1991:95). This biface is small enough to have served as an arrow point.

Artifact 1-47 is an arrow point. It is an expanding stem specimen with a damaged tip, a straight blade, corner notches, barbed shoulders and a recurved base. The cross section is biconvex with no edge abrading and no beveling. Maximum dimensions are 2.0 cm x 1.3 cm x 0.4 cm and it weighs 0.8 g. The stem measures 0.8 cm x 1.1 cm and comprises about 40% of the total length of the specimen. The raw material is Jefferson City chert, which is found locally in the deeper valleys. Microscopic examination revealed no evidence of use-wear. This specimen is a variant of the Sallisaw type, which is associated with the Mississippi Period.





Artifact 1-48 is an arrow point. It is an expanding stem specimen with a pointed tip, a straight blade, side notches, square shoulders and a convex base. The cross section is plano-convex with no edge abrading and no beveling. Maximum dimensions are 2.4 cm x 1.1 cm x 0.3 cm and it weighs 0.8 g. The stem measures 0.6 cm x 1.0 cm and comprises about 25% of the total length of the specimen. The raw material is Jefferson City chert, which is found locally in the deeper valleys. Microscopic

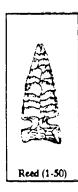
examination revealed no evidence of use-wear. This specimen most closely resembles the Keota type, which is associated with the Mississippi Period.

Artifact 1-49 is an arrow point. It has a notched stem with a pointed tip, a straight blade, side notches, sloping shoulders and a straight base. The cross section is biconvex with no edge abrading and no beveling. Maximum dimensions are 2.8 cm x 1.4 cm x 0.3 cm and it



Huffaker (1-49)

weighs 0.8 g. The stem measures 0.9 cm x 1.9 cm and comprises about 32% of the total length of the specimen. The raw material is Reeds Spring chert, which is found in southwest Missouri and northwest Arkansas into northeast Oklahoma and extreme southeast Kansas. Microscopic examination revealed no evidence of use-wear. This specimen most closely resembles the Huffaker type, which is associated with the Mississippi Period. This is basically a triangular arrow point with a deep notch placed on each side 0.8 cm above the base and a shallow notch placed on each side in the center of the slightly expanding hafting area.



Artifact 1-50 is an arrow point. It is an expanding stem specimen with a pointed tip, an excurvate blade, side notches, square shoulders and a concave base. The cross section is biconvex with no edge abrading and no beveling. Maximum dimensions are 2.7 cm x 1.1 cm x 0.3 cm and it weighs 0.8 g. The stem measures 0.7 cm x 1.1 cm and comprises about 26% of the total length of the specimen. The raw material is Reeds Spring chert, which is found in southwest Missouri and northwest Arkansas into northeast Oklahoma and extreme southeast Kansas. Microscopic examination revealed no evidence of use-wear. This specimen most closely resembles the Reed type, which is associated with the Mississippi Period.

Artifact 1-51 is an arrow point. It is an expanding stem specimen with a pointed tip, a straight blade, corner notches, square shoulders and a straight base. The cross section is biconvex with no edge abrading and no beveling. Maximum dimensions are 2.3 cm x 1.4 cm x 0.5 cm and it weighs 1.1 g. The stem measures 0.7 cm x 0.9 cm and comprises about 30% of the total length of the specimen. The raw material is Jefferson City chert, which is found locally in the deeper valleys. Microscopic examination revealed no evidence of use-wear. This specimen most closely resembles the Scallorn Eddy type, which is associated with the Woodland and Mississippi periods.



Artifact 1-52 is an arrow point. It is an expanding stem specimen with a pointed tip, an excurvate blade, side notches, sloping shoulders and a straight base. The cross section is plano-convex with no edge abrading and no beveling. Maximum dimensions are 2.0 cm x 1.0 cm x 0.3 cm and it weighs 0.8 g. The stem measures 0.7 cm x 1.1 cm and comprises about 35% of the total length of the specimen. The raw material is heat-treated Burlington chert, which is found locally. Microscopic examination revealed no evidence of use-wear. This specimen most closely resembles the Scallorn eddy type, which is associated with the Woodland and Mississippi periods.

Artifact 1-53 is an arrow point proximal. It is an expanding stem specimen with a missing tip and blade, corner notches, barbed shoulders and a straight base. The cross section is biconvex with no edge abrading and no beveling. Maximum dimensions are 1.5 cm x 1.7 cm x 0.3 cm and it weighs 0.8 g. The stem measures 0.6 cm x 0.0 cm and comprises about 40% of the total length of the specimen. The raw material is Jefferson

City chert, which is found locally in the deeper valleys. Microscopic examination revealed no evidence of use-wear. This specimen most closely resembles the Scallorn coryell type, which is associated with the Mississippi Period.

Artifact 1-54 is an arrow point proximal. It is an expanding stem specimen with a missing tip, a damaged blade, corner notches, missing shoulders and a straight base. The cross section is biconvex with no edge abrading and no beveling. Maximum dimensions are 2.0 cm x 1.3 cm x 0.4 cm and it weighs 0.9 g. The stem measures 0.8 cm x 0.9 cm and comprises about 40% of the total length of the specimen. The raw material is Burlington chert, which is found locally. Microscopic examination revealed no evidence of use-wear. This specimen most closely resembles the Scallorn type, which is associated with the Woodland and Mississippi periods.

Artifact 1-55 is an arrow point proximal. It has a damaged tip and blade, corner notches, square shoulders and a missing stem and base. The cross section is biconvex with no edge abrading and no beveling. Maximum dimensions are 1.7 cm x 1.1 cm x 0.3 cm and it weighs 0.7 g. The raw material is Jefferson City chert, which is found locally in the deeper valleys. Microscopic examination revealed no evidence of use-wear. This specimen most closely resembles the Scallorn type, which is associated with the Woodland and Mississippi periods.

Artifact 1-56 is an arrow point proximal. It is an unstemmed unnotched specimen with a missing tip, a damaged blade, no shoulders and a straight base. The cross section is biconvex with no edge abrading and no beveling. Maximum dimensions are $1.5 \text{ cm} \times 1.7 \text{ cm} \times 0.4 \text{ cm}$ and it weighs 0.9 g. The raw material is Jefferson City chert, which is found locally in the deeper valleys. Microscopic examination revealed no evidence of use-wear. This specimen most closely resembles the Fresno type, which is associated with the Mississippi Period.

Artifact 1-57 is a bifacial knife distal. It is an unstemmed unnotched specimen with a pointed tip, an excurvate blade, no shoulders and a missing base. The cross section is biconvex with no edge abrading and no beveling. Maximum dimensions are 3.7 cm x 1.8 cm x 0.5 cm and it weighs 3.0 g. The raw material is Jefferson City chert, which is found locally in the deeper valleys. Microscopic examination revealed wear resulting from cutting meat with bone contact. This specimen is an unclassified type not associated with a specific cultural period.

23PO395

23PO395 is a prehistoric habitation exhibiting evidence of Late Archaic, Middle to Late Woodland and Mississippi Period occupations. It was recorded by Howard Wimmer in 1986 when he collected 38 artifacts weighing 953.9 g. These included 1 flat abrader (328.2 g), 1 arrow point (0.8 g), 2 stemmed biface fragments (23.5 g), 1 clay-tempered roughened body (27.3 g), 1 core (87.3 g), 1 dart point fragment (6.1 g), 1 grit-tempered roughened red slipped body (33.7 g), 1 hoe, chipped (63.8 g), 16 bifacial knife fragments

(126.0 g), 3 bifacial knives (21.5 g), 8 preform fragments (175.3 g), 1 aborted preform (53.0 g) and 1 projectile point/knife fragment (7.4 g).

Artifact 1-1 is a flat abrader. Maximum dimensions are $7.7 \text{ cm } \times 7.4 \text{ cm } \times 3.8 \text{ cm}$ and it weighs 328.2 g. The raw material is sandstone, which probably is found locally. Microscopic examination revealed wear resulting from grinding. This specimen is an unclassified type not associated with a specific cultural period.

Artifact 1-2 is a bifacial knife proximal. It is a contracting stem specimen with a missing tip, a straight blade, comer removed, square shoulders and a straight base. The cross section is biconvex with edge abrading on the stem/base and no beveling. Maximum dimensions are 4.9 cm x 3.6 cm x 0.7 cm and it weighs 12.7 g. The stem measures 2.0 cm x 2.2 cm and comprises about 41% of the total length of the specimen. The raw material is Burlington chert, which is found locally. Microscopic examination revealed wear resulting from cutting meat without bone contact. This specimen most closely resembles the Dickson type, which is associated with the Middle Woodland Period.

Artifacts cataloged as 1-4 include eight bifacial knife midsections. It has a missing tip, a damaged blade, missing shoulders and a missing base. The cross section is biconvex with no edge abrading and no beveling. Together they weigh 67.2 g. The raw materials include Jefferson City and both plain and heat-treated Burlington chert, both of which are found locally. Microscopic examination revealed wear resulting from cutting meat with bone contact. These specimens are of an unclassified type not associated with a specific cultural period.

Artifacts cataloged as 1-5 include five bifacial knife distals. All have pointed tips, excurvate blades, no shoulders and missing stems and bases. The cross section is biconvex with no edge abrading and no beveling. Together they weigh 21.7 g. The raw materials include Jefferson City and heat-treated Burlington chert, both of which are found locally. Microscopic examination revealed wear resulting from cutting meat with bone contact. These specimens are of an unclassified type not associated with a specific cultural period.



Artifact 1-6 is a bifacial knife. It is an expanding stem specimen with a pointed tip, an excurvate blade, corner notches, square shoulders and a convex base. The cross section is biconvex with edge abrading on the stem and base and no beveling. Maximum dimensions are 5.2 cm x 3.7 cm x 0.9 cm and it weighs 5.5 g. The stem measures 1.3 cm x 2.7 cm and comprises about 25% of the total length of the specimen. The raw material is Burlington chert, which is found locally. Microscopic examination revealed wear resulting from cutting bone or antler. This specimen most closely resembles the Lander Corner Notched type, which is associated with the Middle Woodland Period.

Artifact 1-8 is an arrow point. It is an expanding stem specimen with a pointed tip, an excurvate blade, side notches, sloping shoulders and a damaged base. The cross section is biconvex with no edge abrading and no beveling. Maximum dimensions are 2.3 cm x 0.8 cm x 0.3 cm and it weighs 0.8 g. The raw material is Burlington chert, which is found locally. Microscopic examination revealed no evidence of use-wear. This specimen most closely resembles the Schild type, which is associated with the Late Woodland Period.

Artifact 1-9 is a bifacial knife proximal. It is an expanding stem specimen with a missing tip, an excurvate blade, corner notches, barbed shoulders and a convex base. The cross section is biconvex with no edge abrading and no beveling. Maximum dimensions are 3.2 cm x 3.5 cm x 0.8 cm and it weighs 10.0 g. The stem measures 1.3 cm x 2.3 cm and comprises about 41% of the total length of the specimen. The raw material is Burlington chert, which is found locally. Microscopic examination revealed wear resulting from cutting meat with bone contact. This specimen most closely resembles the Lander Corner Notched type, which is associated with the Woodland Period.

Artifact 1-10 is a projectile point/knife proximal. It is a corner removed contracting stem specimen with a missing tip, an excurvate blade, sloping shoulders and a pointed base. The cross section is biconvex with edge abrading on the stem and base and bifacial beveling. The tip has been carried away by an impact fracture. Maximum dimensions are 3.9 cm x 2.3 cm x 0.8 cm and it weighs 7.4 g. The stem measures 1.9 cm x 1.8 cm and comprises about 49% of the total length of the specimen. The raw material is Jefferson City chert, which is found locally in the deeper valleys. Microscopic examination revealed wear resulting from cutting meat with bone contact. This specimen most closely resembles the Table Rock Pointed Stem type, which is associated with the Woodland and Mississippi periods.



Artifact 1-11 is a bifacial knife. It is a corner removed contracting stem specimen with a pointed tip, a straight blade, missing shoulders and a straight base. The cross section is biconvex with no edge abrading and no beveling. Maximum dimensions are 5.2 cm x 3.0 cm x 0.7 cm and it weighs 10.0 g. The stem measures 1.5 cm x 1.8 cm and comprises about 29% of the total length of the specimen. The raw material is Jefferson City chert, which is found locally in the deeper valleys. Microscopic examination revealed wear resulting from cutting meat with bone contact. This specimen is resharpened and is an unclassified type possibly associated with the Woodland Period. This biface could not be classified because the shoulder areas were damaged too much. It is probably either Langtry or a Dickson.

Artifact 1-12 is a bifacial knife proximal. It is an expanding stem specimen with a missing tip, a damaged blade, corner notches, square shoulders and a straight base. The

cross section is biconvex with edge abrading on the stem and no beveling. Maximum dimensions are 4.1 cm x 3.6 cm x 0.8 cm and it weighs 14.4 g. The stem measures 1.5 cm x 2.9 cm and comprises about 37% of the total length of the specimen. The raw material is heat-treated Burlington chert, which is found locally. Microscopic examination revealed wear resulting from cutting bone or antier. This specimen most closely resembles the Stone Corner Notched type, which is associated with the Late Archaic Period.

Artifact 1-13 is a dart point proximal. It is an expanding stem specimen with a missing tip, a damaged blade, side notches, damaged shoulders and a concave base. The cross section is biconvex with edge abrading on the stem and no beveling. The tip has been carried away by an impact fracture. Maximum dimensions are 2.7 cm x 2.5 cm x 0.7 cm and it weighs 6.1 g. The stem measures 1.0 cm x 2.5 cm and comprises about 37% of the total length of the specimen. The raw material is heat-treated Burlington chert, which is found locally. Microscopic examination revealed no evidence of use-wear. This specimen is exhausted and most closely resembles the Rice Side Notched type, which is associated with the Woodland Period.



Artifact 1-14 is a bifacial knife. It is an expanding stem specimen with a pointed tip, an excurvate biade, corner removed, sloping shoulders and a straight base. The cross section is biconvex with no edge abrading and no beveling. Maximum dimensions are 3.6 cm x 2.2 cm x 0.7 cm and it weighs 6.0 g. The stem measures 0.7 cm x 1.7 cm and comprises about 19% of the total length of the specimen. The raw material is heat-treated Burlington chert, which is found locally. Microscopic examination revealed wear resulting from cutting meat with bone contact. This specimen most closely resembles the Rice Side Notched variant type, which is associated with the Woodland Period.

Artifact 1-18 is a hoe. It is an unstemmed unnotched specimen with a missing tip, an excurvate blade, no shoulders and a convex base. The cross section is biconvex with no edge abrading and no beveling. Maximum dimensions are 7.0 cm x 5.2 cm x 1.8 cm and it weighs 63.8 g. The raw material is Burlington chert, which is found locally. Microscopic examination revealed wear resulting from soil polish. This specimen most closely resembles the Sedalia digger, which is associated with the Late Archaic Period (Chapman 1975:200).

Artifact 1-20 is a grit-tempered red-slipped body sherd. This specimen is an unclassified type possibly associated with the Woodland Period. It seems to have been pecked all over with some irregular object to roughen the surface while the clay was piiable and before slipping. The grit is mostly chert.

Artifact 1-21 is a clay-tempered roughened body sherd. This specimen is an unclassified type possibly associated with the Woodland Period. This sherd has been

broken into two pieces that fit together. The surface was roughened with some irregular object while still pliable.

23PO396

23PO396 is a prehistoric habitation exhibiting evidence of a Late Prehistoric Period occupations. It was recorded by Howard Wimmer in 1986 when he collected 6 artifacts weighing 67.7 g. These included 1 arrow point (1.3 g), 1 bifacial knife fragment (4.0 g) and 4 preform fragments (62.4 g).

Artifact 1-1 is an arrow point. It is an unstemmed and unnotched specimen with a pointed tip, a straight blade, no shoulders and a straight base. The cross section is biconvex with no edge abrading and no beveling. Maximum dimensions are 3.3 cm x 1.4 cm x 0.4 cm and it weighs 1.3 g. The raw material is heat-treated Burlington chert, which is found locally. Microscopic examination revealed no evidence of use-wear. This specimen most closely resembles the Fresno type, which is associated with the Late Prehistoric Period.



Artifact 1-3 is a rectangular bifacial knife fragment consisting of one shoulder and 1.6 cm of blade edge. It has a missing tip, a damaged blace, square shoulders and a missing stem and base. The cross section is biconvex with so edge abrading and no beveling. Maximum dimensions are 1.9 cm x 2.5 cm x 0.6 cm and it weighs 4.0 g. The raw material is Jefferson City chert, which is found locally in the deeper valleys. Microscopic examination revealed wear resulting from cutting meat without bone contact. This specimen is an unclassified type not associated with a specific cultural period.

23PO397

23PO397 is a prehistoric habitation exhibiting evidence of Late Archaic and Middle Woodland Period occupations. It was recorded by Howard Wimmer in 1987 when he collected 5 artifacts weighing 55.7 g. These included 1 stemmed biface fragment (12.8 g), 2 bifacial knife fragments (7.2 g) and 2 preform fragments (35.7 g).

Artifact 1-1 is a bifacial knife proximal. It is a corner removed contracting stem specimen with a missing tip, a damaged blade, square shoulders and a straight base. The cross section is biconvex with edge abrading on the stem and base and no beveling. Maximum dimensions are 2.9 cm x 3.0 cm x 0.5 cm and it weighs 4.8 g. The stem measures 1.5 cm x 1.9 cm and comprises about 52% of the total length of the specimen. The raw material is heat-treated Burlington chert, which is found locally. Microscopic examination revealed wear resulting from cutting meat with bone contact. This specimen is a variant of the Dickson type, which is associated with the Woodland Period.

Artifact 1-4 is a bifacial knife distal. It is an unstemmed and unnotched specimen with a pointed tip, a straight blade, no shoulders and a missing base. The cross section is biconvex with no edge abrading and no beveling. Maximum dimensions are 2.8 cm x 1.9 cm x 0.5 cm and it weighs 2.4 g. The raw material is heat-treated Burlington chert, which is found locally. Microscopic examination revealed wear resulting from cutting meat with bone contact. This specimen is an unclassified type not associated with a specific cultural period.

23PO410

23PO410 is a prehistoric habitation of unknown cultural affiliation. It was recorded by Howard Wimmer in 1987 when he collected 3 artifacts weighing 30.8 g. These included 1 bifacial knife fragment (13.3 g), 1 mussel shell fragment (7.7 g) and 1 aborted preform fragment (9.8 g).

Artifact 1-1 is a bifacial knife midsection. It has a missing tip, an excurvate blade and a missing stem and base. The cross section is biconvex with no edge abrading and no beveling. Maximum dimensions are 4.2 cm x 3.0 cm x 0.7 cm and it weighs 13.3 g. The raw material is Pierson chert, which is abundant in the Branson area and may be available in isolated areas locally. Microscopic examination revealed wear resulting from cutting meat without bone contact. This specimen is an unclassified type not associated with a specific cultural period.

23PO411

23PO411 is a prehistoric habitation of unknown cultural affiliation. It was recorded by Howard Wimmer in 1987 when he collected 2 artifacts weighing 143.9 g. These included 1 preform fragment (17.9 g) and 1 preform (126.0 g). Neither is associated with a specific cultural period.

23PO412

23PO412 is a prehistoric habitation exhibiting evidence of Late Archaic, Late Woodland and Mississippi Period occupations. It was recorded by Howard Wimmer in 1988 when he collected 9 artifacts weighing 71.6 g. These included 3 arrow point fragments (2.7 g), 1 stemmed biface fragment (0.8 g), 2 bifacial knife fragments (7.2 g), 1 flake knife fragment (50.1 g), 1 preform (2.9 g) and 1 projectile point/knife fragment (7.9 g).

Artifact 1-1 is a flake knife. The cross section is irregular with no edge abrading and unifacial beveling. Maximum dimensions are 7.8 cm x 5.3 cm x 1.4 cm and it weighs 50.1 g. The raw material is Burlington chert, which is found locally. This roughly rectangular flake is large and thin at one end where much use wear and polish is evident. Microscopic examination revealed wear resulting from cutting meat without bone contact. This specimen is an unclassified type not associated with a specific cultural period.



Artifact 1-2 is a bifacial knife proximal. It is an expanding stem specimen with a missing tip, an asymmetrical blade, corner notches, barbed shoulders and a convex base. The cross section is biconvex with no edge abrading and no beveling. Maximum dimensions are $3.5 \text{ cm} \times 2.4 \text{ cm} \times 0.7 \text{ cm}$ and it weighs 6.1 g. The stem measures $1.0 \text{ cm} \times 1.4 \text{ cm}$ and comprises about 29% of the total length of the specimen. The raw material is heat-treated Burlington chert, which is found locally. Microscopic examination revealed wear resulting from cutting meat with bone contact. This specimen is resharpened and most closely resembles the Kings

Corner Notched type, which is associated with the Late Archaic and Woodland periods.

Artifact 1-3 is a projectile point/knife proximal. It is an expanding stem specimen with a missing tip, an asymmetrical blade, side notches, sloping shoulders and a convex base. The cross section is biconvex with edge abrading on the stem and base and no beveling. The tip has been carried away by an impact fracture. Maximum dimensions are 2.8 cm x 2.7 cm x 0.9 cm and it weighs 7.9 g. The stem measures 1.1 cm x 2.6 cm and comprises about 39% of the total length of the specimen. The raw material is



Burlington chert, which is found locally. Microscopic examination revealed wear resulting from cutting meat with bone contact. This specimen is exhausted and most closely resembles the Big Creek type, which is associated with the Late Archaic Period.



Artifact 1-4 is a preform. It is an unstemmed specimen with a pointed tip, an excurvate blade, no notches, no shoulders and a convex base. The cross section is biconvex with no edge abrading and no beveling. Maximum dimensions are 3.3 cm x 2.0 cm x 0.6 cm and it weighs 2.9 g. The raw material is Burlington chert, which is found locally. Microscopic examination revealed wear resulting from cutting meat without bone contact. This specimen is an unclassified type possibly associated with the Woodland Period. This is a small slightly asymmetrical preform for an arrow point that has been used briefly as a knife.

Artifact 1-6 is an arrow point proximal. It is an expanding stem specimen with a missing tip, a recurved blade, corner notches, barbed shoulders and a concave base. The cross section is biconvex with no edge abrading and no beveling. Maximum dimensions are 1.9 cm x 1.4 cm x 0.4 cm and it weighs 1.1 g. The stem measures 0.7 cm x 0.9 cm and comprises about 37% of the total length of the specimen. The raw material is Jefferson City quartzite, which is found locally in the deeper valleys. Microscopic examination revealed no evidence of use-wear. This specimen most closely resembles the Sallisaw type, which is associated with the Mississippi Period.

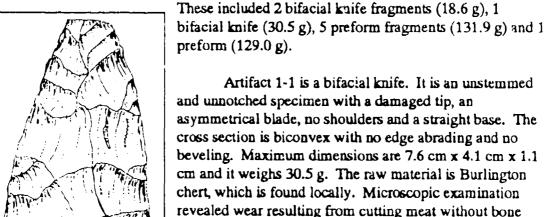
Artifact 1-7 is an arrow point proximal. It is an expanding stem specimen with a missing tip, a straight blade, corner notches, damaged shoulders and a straight base. The cross section is biconvex with no edge abrading and no beveling. Maximum dimensions are 1.5 cm x 1.5 cm x 0.4 cm and it weighs 1.0 g. The stem measures 0.8 cm x 1.0 cm and comprises about 53% of the total length of the specimen. The raw material is Jefferson City chert, which is found locally in the deeper valleys. Microscopic examination revealed no evidence of use-wear. This specimen most closely resembles the Scallorn type, which is associated with the Woodland and Mississippi periods.

Artifact 1-8 is an arrow point distal. It has a pointed tip, a straight blade, square shoulders and a missing stem and base. The cross section is biconvex with no edge abrading and no beveling. Maximum dimensions are 1.8 cm x 1.0 cm x 0.3 cm and it weighs 0.6 g. The raw material is Jefferson City chert, which is found locally in the deeper valleys. Microscopic examination revealed no evidence of use-wear. This specimen is an unclassified type possibly associated with the Mississippi Period.

Artifact 1-9 is a bifacial knife distal. It has a pointed tip, an asymmetrical blade and a missing stem and base. The cross section is biconvex with no edge abrading and no beveling. Maximum dimensions are 1.7 cm x 1.6 cm x 0.4 cm and it weighs 1.1 g. The raw material is Jefferson City chert, which is found locally in the deeper valleys. Microscopic examination revealed wear resulting from cutting meat without bone contact. This specimen is an unclassified type not associated with a specific cultural period.

23PO415

23PO415 is a prehistoric workshop of unknown cultural affiliation. It was recorded by Howard Wimmer in 1988 when he collected 9 artifacts weighing 310.0 g.



Artifacts cataloged as 1-3 include two bifacial knife distals. Both have rounded tips, asymmetrical blades and

contact. This well-made specimen is an unclassified type not associated with a specific cultural period but may be a

preform for a type like the Kings Corner Notched.

missing stems and bases. The cross sections are biconvex with no edge abrading and no beveling. Together they weigh 18.6 g. The raw material is heat-treated Burlington chert, which is found locally. Microscopic examination revealed wear resulting from cutting meat with bone contact. This specimen is an unclassified type not associated with a specific cultural period.

23PO416

23PO416 is a lithic scatter exhibiting evidence of Late Archaic, Late Woodland and Mississippi Period occupations. It was recorded by Howard Wimmer in 1989 when he collected 14 artifacts weighing 74.8 g. These included 2 arrow point fragments (1.7 g), 2 arrow points (1.6 g), 3 stemmed biface fragments(18.0 g) and 7 bifacial knife fragments(53.5 g).

Artifacts cataloged as 1-2 include five bifacial knife distals. All have rounded tips, excurvate blades and missing stems and bases. The cross sections are biconvex with no edge abrading and no beveling. Together they weigh 39.9 g. The raw materials include Jefferson City and heat-treated Burlington chert (both of which are found locally) and one is made from an unusual purple quartzite. Microscopic examination revealed wear resulting from cutting meat with bone contact. These specimens are of an unclassified type not associated with a specific cultural period.

Artifact 1-3 is an arrow point. It is an expanding stem specimen with a damaged tip, an excurvate blade, corner notches, barbed shoulders and a convex base. The cross section is biconvex with no edge abrading and no beveling. Maximum dimensions are $2.0 \text{ cm} \times 1.3 \text{ cm} \times 0.4 \text{ cm}$ and it weighs 0.9 g. The stem measures $0.7 \text{ cm} \times 0.7 \text{ cm}$ and comprises about 35% of the total length of the specimen. The raw material is heat-treated Jefferson City chert, which is found locally in the deeper valleys.



Microscopic examination revealed no evidence of use-wear. This specimen is resharpened and most closely resembles the Scallorn Eddy type, which is associated with the Mississippi Period.

Artifact 1-4 is an arrow point proximal. It is an expanding stem specimen with a missing tip, a damaged blade, corner notches, damaged shoulders and a straight base. The cross section is biconvex with no edge abrading and no beveling. Maximum dimensions are 11.6 cm x 1.2 cm x 0.4 cm and it weighs 0.8 g. The stem measures 0.6 cm x 0.8 cm and comprises about 5% of the total length of the specimen. The raw material is Jefferson City chert, which is found locally in the deeper valleys. Microscopic examination revealed

no evidence of use-wear. This specimen most closely resembles the Scallorn type, which is associated with the Woodland and Mississippi periods.

Artifact 1-5 is an arrow point proximal. It is an expanding stem specimen with a missing tip, a straight blade, corner notches, barbed shoulders and a convex base. The cross section is biconvex with no edge

abrading and no beveling. Maximum dimensions are $1.8 \text{ cm} \times 1.2 \text{ cm} \times 0.3 \text{ cm}$ and it weighs 0.9 g. The stem measures $0.6 \text{ cm} \times 1.0 \text{ cm}$ and comprises about 33% of the total length of the specimen. The raw material is heat-treated Burlington chert, which is found locally. Microscopic examination revealed no evidence of use-wear. This specimen most closely resembles the Sequoyah type, which is associated with the Mississippi Period.

Artifact 1-6 is an arrow point. It is an unstemmed stem specimen with a pointed tip, a straight blade, double side notches, sloping shoulders and a concave base. The cross section is biconvex with no edge abrading and no beveling. Maximum dimensions are 2.3 cm x 1.5 cm x 0.3 cm and it weighs 0.7 g. The stem measures 0.8 cm x 1.5 cm and comprises about 35% of the total length of the specimen. The raw material is Jefferson City chert, which is found locally in the deeper valleys. Microscopic examination revealed no evidence of use-wear. This specimen most closely resembles the Huffaker variant type, which is associated with the Mississippi Period. The notch in the base is unusually wide but otherwise the point is typical of the Huffaker type.

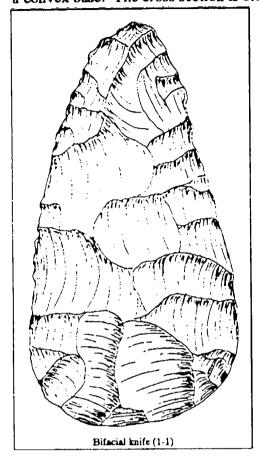
Artifact 1-7 is a bifacial knife proximal. It is an expanding stem specimen with a missing tip, an asymmetrical blade, corner notches, barbed shoulders and a straight base. The cross section is irregular with no edge abrading and no beveling. Maximum dimensions are 4.0 cm x 2.7 cm x 1.0 cm and it weighs 9.4 g. The stem measures 1.2 cm x 2.1 cm and comprises about 30% of the total length of the specimen. The raw material is heat-treated Burlington chert, which is found locally. Microscopic examination revealed wear resulting from cutting meat with bone contact. This specimen is an unclassified type not associated with a specific cultural period. It has a large unremoved knot on one face but was used as cutting tool in spite of it.

Artifact 1-10 is a bifacial knife midsection. It has a missing tip, a damaged blade, missing shoulders and a missing stem and base. The cross section is biconvex with no edge abrading and no beveling. Maximum dimensions are 1.9 cm x 2.8 cm x 0.6 cm and it weighs 4.2 g. The raw material is heat-treated Burlington chert, which is found locally. Microscopic examination revealed wear resulting from cutting meat with bone contact. This specimen is an unclassified type not associated with a specific cultural period.

23PO417

23PO417 is a lithic scatter exhibiting evidence of a Late Archaic Period occupation. It was recorded by Howard Wimmer in 1989 when he collected 5 artifacts weighing 192.6 g. These included 1 stemmed biface fragment (5.4 g), 1 bifacial knife (74.0 g) and 3 preform fragments (113.2 g).

Artifact 1-1 is an elongated leaf-shaped or egg-shaped bifacial knife. It is an unstemmed specimen with a rounded tip, an excurvate blade, no notches, no shoulders and a convex base. The cross section is biconvex with edge abrading on the working edge and

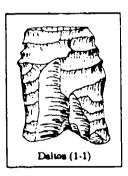


no beveling. Maximum dimensions are 10.6 cm x 5.5 cm x 1.5 cm and it weighs 74.0 g. The raw material is heat-treated Burlington chert, which is found locally. Microscopic examination revealed wear resulting from cutting meat with bone contact. This specimen is an unclassified type not associated with a specific cultural period. This biface is well made considering the coarse texture of the chert. Use polish and rounding goes all around the margins, including the base. Probably this was a preform used as a cutting tool. This preform shape is common in the Late Archaic, but can be found in other contexts as well.

23PO418

23PO418 is a lithic scatter exhibiting evidence of Late Archaic and Woodland Period occupations. It was recorded by Howard Wimmer in 1989 when he collected 10 artifacts weighing 62.2 g. These included 1 dart point fragment (2.3 g), 1 bifacial drill fragment (8.4 g), 6 bifacial knife fragments (26.7 g) and 2 preform fragments (24.8 g).

Artifact 1-1 is a bifacial knife proximal. It is a parallel stem specimen with a missing tip, a damaged blade, no notches, no shoulders and a concave base. The cross section is biconvex with edge abrading on the stem and base and no beveling. Maximum dimensions are $2.9 \text{ cm } \times 2.2 \text{ cm } \times 0.6 \text{ cm}$ and it weighs 5.0 g. The stem measures $1.5 \text{ cm } \times 2.1 \text{ cm}$ and comprises about 52% of the total length of the specimen. The raw material is heat-treated Jefferson City chert, which is found locally in the deeper valleys. Microscopic examination revealed wear resulting from cutting meat with bone



contact. This specimen is resharpened and most closely resembles the Dalton type, which is associated with the Early Archaic Period. This biface has been resharpened bifacially but some serrations still exist on the blade edges. A large potlid fracture can be seen on one face, so it was probably broken by heat.

Artifact 1-2 is a bifacial drill midsection. It has a missing tip, an incurvate blade and a missing stem and base. The cross section is biconvex with no edge abrading and no beveling. Maximum dimensions are 3.7 cm x 3.3 cm x 0.7 cm and it weighs 8.4 g. The

raw material is Jefferson City chert, which is found locally in the deeper valleys. Microscopic examination revealed no evidence of use-wear. This specimen is an unclassified type not associated with a specific cultural period. This biface seems to be the base and distal portion of a perforator. Any use wear would appear on the missing distal portion, but the morphology suggests a perforator.

Artifact 1-3 is a bifacial knife midsection. It has a missing tip, a damaged blade and a missing stem and base. The cross section is rhomboidal with no edge abrading and right beveling. Maximum dimensions are 2.1 cm x 2.1 cm x 0.7 cm and it weighs 4.1 g. The raw material is heat-treated Jefferson City chert, which is found locally in the deeper valleys. Microscopic examination revealed wear resulting from cutting meat with bone contact. This specimen is resharpened and is an unclassified type but the beveled blade with slight serrations suggests an Early Archaic affiliation. The type was probably Dalton, but it also could have been Rice or Breckenridge.



Artifact 1-4 is a bifacial knife proximal. It is an expanding stem specimen with a missing tip, a damaged blade, side notches, square shoulders and a straight base. The cross section is biconvex with no edge abrading and no beveling. Maximum dimensions are 3.3 cm x 1.8 cm x 0.5 cm and it weighs 2.8 g. The stem measures 1.0 cm x 1.6 cm and comprises about 30% of the total length of the specimen. The raw material is Jefferson City chert, which is found locally in the deeper valleys. Microscopic examination revealed wear resulting from cutting meat with bone contact. This specimen most

closely resembles the Kings Corner Notched type, which is associated with the Late Archaic Period.

Artifact 1-5 is a dart point stem. It is an expanding stem specimen with a missing tip and blade, side notches, missing shoulders and a concave base. The cross section is biconvex with edge abrading on the base and no beveling. The tip has been carried away by an impact fracture. Maximum dimensions are $2.1 \text{ cm} \times 11.6 \text{ cm} \times 0.6 \text{ cm}$ and it weighs 2.3 g. The stem measures $0.8 \text{ cm} \times 1.6 \text{ cm}$ and comprises about 38% of the total length of the specimen. The raw material is heat-treated Pierson chert, which is abundant in the Branson area and may be available in isolated areas locally. Microscopic examination revealed no evidence of use-wear. This specimen is exhausted and is a variant of the White River type, which is associated with the Middle Archaic Period.

Artifacts cataloged as 1-7 include three bifacial knife midsections. All have missing tips, damaged blades missing shoulders, stems and bases. The cross sections are biconvex with no edge abrading and no beveling. Together they weigh 14.8 g. The raw materials include plain and heat-treated Burlington chert, which is found locally. Microscopic examination revealed wear resulting from cutting meat with bone contact. These specimens are of an unclassified type not associated with a specific cultural period.

23PO419

23PO419 is a prehistoric habitation exhibiting evidence of Middle Woodland and Mississippi Period occupations. It was recorded by Howard Wimmer in 1989 when he collected 13 artifacts weighing 578.8 g. These included 1 flat abrader (471.2 g), 1 arrow point (1.6 g), 2 stemmed biface fragments (9.7 g), 2 bifacial knife fragments (8.2 g) and 7 preform fragments (88.1 g).

Artifact 1-1 is a flat abrader fragment. Maximum dimensions are 11.1 cm x 7.2 cm x 3.6 cm and it weighs 471.2 g. The raw material is a hard sandstone, which probably is found locally. It has been shaped by pecking and grinding and has a 2.5 cm x 3.0 cm x 0.2 cm pit on each face. This specimen is an unclassified type not associated with a specific cultural period.

Artifact 1-2 is an arrow point. It is an expanding stem specimen with a damaged tip, an excurvate blade, corner notches, barbed shoulders and a damaged base. The cross section is biconvex with no edge abrading and no beveling. The tip has been damaged by an impact fracture. Maximum dimensions are 2.7 cm x 1.8 cm x 0.4 cm and it weighs 1.6 g. The stem measures 0.6 cm long and comprises about 22% of the total length of the specimen. The raw material is heat-treated Burlington chert, which is found locally. Microscopic examination revealed no evidence of use-wear. This is a rare arrow point with its unusually wide blade, strong barbs and distinctive base. Four examples were recovered from an Early Caddoan context at the Albertson site (3BE174) in Benton County, Arkansas (Dickson 1991:144).

Artifact 1-6 is a bifacial knife midsection. It has missing a missing tip, a damaged blade, missing shoulders and a missing stem and base. The cross section is biconvex with no edge abrading and no beveling. Maximum dimensions are 1.6 cm x 1.8 cm x 0.6 cm and it weighs 2.0 g. The raw material is Burlington chert, which is found locally. Microscopic examination revealed wear resulting from cutting meat with bone contact. This specimen is an unclassified type not associated with a specific cultural period.

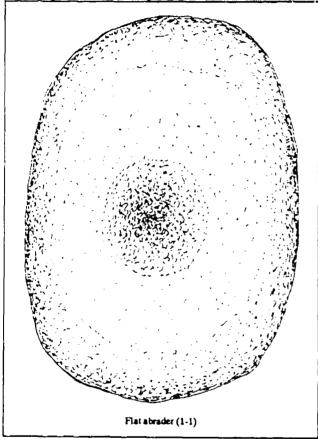
Artifact 1-7 is a bifacial knife distal. It has a pointed tip, an excurvate blade, missing shoulders and a missing stem and base. The cross section is biconvex with no edge abrading and no beveling. Maximum dimensions are 3.5 cm x 3.6 cm x 0.6 cm and it weighs 6.2 g. The raw material is heat-treated Burlington chert, which is found locally. Microscopic examination revealed wear resulting from cutting meat with bone contact. This specimen is an unclassified type not associated with a specific cultural period.

23PO420

23PO420 is a prehistoric habitation exhibiting evidence of Late Archaic, Middle to Late Woodland and Mississippi Period compations. It was recorded by Howard Wimmer in 1989 when he collected 16 artifacts weighing 823.7 g. These included 1 flat abrader

(602.0 g), 1 arrow point fragment (0.9 g), 1 arrow point (1.0 g), 1 unstemmed biface fragment (10.3 g), 2 bifacial knife fragments (29.0 g), 1 bifacial knife (10.6 g), 1 flake knife fragment (9.9 g), 1 knife/scraper fragment (27.0 g), 1 knife/scraper (9.9 g) and 6 preform fragments (123.1 g).

Artifact 1-1 is a flat abrader. Maximum dimensions are 10.9 cm x 7.7 cm x 4.4 cm and it weighs 602.0 g. The raw material is a hard tan sandstone, which is found locally. It has been shaped by pecking and grinding and exhibits one flat face and one convex face with a 3.5 cm x 2.5 cm x 0.5 cm pint. This specimen is an unclassified type not associated with a specific cultural period.

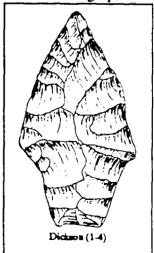


Artifact 1-2 is a bifacial knife/scraper distal. It has a rounded tip, an excurvate blade, no shoulders and a missing stem and base. The cross section is plano-convex with no edge abrading and both right and left beveling. Maximum dimensions are 8.5 cm x 4.0 cm x 0.9 cm and it weighs 27.0 g. The raw material is Burlington chert, which is found locally. Microscopic examination revealed wear resulting from cutting meat with bone contact and from scraping wet hide. This specimen most closely resembles the Harahey Knife, which is associated with the Mississippi Period.

Artifact 1-3 is a bifacial knife midsection. It has a missing tip, a

straight blade, no shoulders and a missing stem and base. The cross section is biconvex with no edge abrading and no beveling. Maximum dimensions are 8.3 cm x 2.2 cm x 0.7 cm and it weighs 14.6 g. The raw material is Jefferson City chert, which is found locally in the deeper valleys. Microscopic examination revealed wear resulting from cutting meat with bone contact. This specimen is an unclassified type not associated with a specific cultural period.

Artifact 1-4 is a bifacial. It is a corner removed contracting stem specimen with a pointed tip, an excurvate



blade, sloping shoulders and a straight base. The cross section is biconvex with no edge abrading and no beveling. Maximum dimensions are $5.7 \,\mathrm{cm} \times 3.1 \,\mathrm{cm} \times 0.8 \,\mathrm{cm}$ and it weighs $10.6 \,\mathrm{g}$. The stem measures $1.6 \,\mathrm{cm} \times 2.2 \,\mathrm{cm}$ and comprises about 28% of the total length of the specimen. The raw material is Burlington chert, which is found locally. Microscopic examination revealed wear resulting from cutting meat without bone contact. This specimen most closely resembles the Dickson type, which is associated with the Middle Woodland Period.

Artifact 1-5 is a bifacial knife proximal. It is a corner removed contracting stem specimen with a missing tip, an asymmetrical blade, sloping shoulders and a straight base. The cross section is plano-convex with no edge abrading and unifacial beveling. Maximum dimensions are 4.6 cm x 4.3 cm x 0.8 cm and it weighs 14.4 g. The stem measures 1.3 cm x 1.5 cm and comprises about 28% of the total length of the specimen. The raw material is heat-treated Burlington chert, which is found locally. Microscopic examination revealed wear resulting from cutting meat with bone contact. This specimen is an unclassified type possibly associated with the Woodland Period. This unusual biface probably has had the stem reworked. Originally, it incurved evenly down to the straight base, but it seems to have been damaged and reworked to form a parallel-sided stem oriented to one side.

Artifact 1-6 is a thick flake knife. It is an unstemmed specimen with a pointed tip, an asymmetrical blade, no notches, no shoulders and a pointed base. The cross section is irregular with no edge abrading and unifacial beveling along three margins. Maximum dimensions are 6.5 cm x 3.9 cm x 1.0 cm and it weighs 9.9 g. The raw material is Burlington chert, which is found locally. Microscopic examination revealed wear resulting from cutting meat without bone contact. This specimen is an unclassified type not associated with a specific cultural period.



Artifact 1-8 is a bifacial knife/scraper. It is an expanding stem specimen with a rounded tip, an reworked blade, basal notches, barbed shoulders and a damaged base. The cross section is Plano-convex with no edge abrading and unifacial beveling. Maximum dimensions are 4.2 cm x 3.0 cm x 0.7 cm and it weighs 9.9 g. The raw material is heat-treated Burlington chert, which is found locally. Microscopic examination revealed wear resulting from cutting meat without bone contact and from scraping wet hide. This specimen is a variant of the Kings Corner Notched var. type, which is associated with the Late Archaic Period. This biface is more basally notched than is

usual for Kings Corner Notched bifaces. The tip has been unifacially worked into an end scraper and one edge has been unifacially worked into a side scraping margin. The other edge has been bifacially reworked and has been used for cutting.

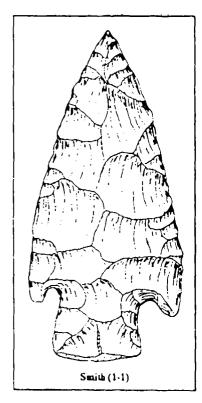
Artifact 1-9 is a biface distal. It has a pointed tip, a damaged blade, damaged shoulders and a missing stem and base. The cross section is biconvex with no edge

abrading and no beveling. Maximum dimensions are 5.7 cm x 3.0 cm x 0.7 cm and it weighs 11.8 g. The raw material is Jefferson City chert, which is found locally in the deeper valleys. Microscopic examination revealed wear resulting from cutting meat with bone contact. This specimen is an unclassified type not associated with a specific cultural period.

Artifact 1-11 is an arrow point proximal. It is an expanding stem specimen with a missing tip, an incurved blade, corner notches, square shoulders and a missing base. The cross section is biconvex with no edge abrading and no beveling. Maximum dimensions are 1.8 cm x 1.4 cm x 0.4 cm and it weighs 0.9 g. The raw material is heat-treated Burlington chert, which is found locally. Microscopic examination revealed no evidence of use-wear. This specimen most closely resembles the Scallorn type, which is associated with the Woodland and Mississippi periods.

Artifact 1-12 is an arrow point. It is an expanding stem specimen with a pointed tip, a straight blade, corner notches, square shoulders and a straight base. The cross section is biconvex with no edge abrading and no beveling. Maximum dimensions are 2.6 cm x 1.2 cm x 0.4 cm and it weighs 1.0 g. The stem measures 0.7 cm x 0.8 cm and comprises about 27% of the total length of the specimen. The raw material is heat-treated Burlington chert, which is found locally. Microscopic examination revealed no evidence of use-wear. This specimen most closely resembles the Scallorn Coryell type, which is associated with the Woodland and Mississippi periods.





23PO421

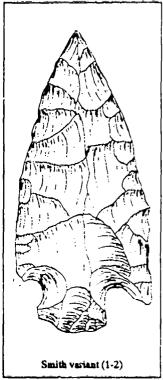
23PO421 is a prehistoric workshop exhibiting evidence of a Late Archaic Period occupation. It was recorded by Howard Wimmer in 1989 when he collected 5 artifacts weighing 80.4 g. These included 2 bifacial knife fragments (15.3 g), 2 bifacial knives (51.4 g) and 1 preform fragment (13.7 g).

Artifact 1-1 is a biface. It is a parallel stem specimen with a pointed tip, an excurvate blade, basal notches, barbed shoulders and a straight base. The cross section is biconvex with no edge abrading and no beveling. Maximum dimensions are 8.8 cm x 4.1 cm x 0.9 cm and it weighs 27.1 g. The stem measures 1.5 cm x 2.3 cm and comprises about 17% of the total length of the specimen. The raw material is Jefferson City chert, which is found locally in the deeper valleys. Microscopic examination revealed wear resulting from cutting meat with bone contact. This specimen is resharpened and most closely

resembles the Smith type, which is associated with the Late Archaic Period.

Artifact 1-2 is a bifacial knife. It is a parallel stem specimen with a pointed tip, an excurvate blade, basal notches, barbed shoulders and a convex base. The cross section is biconvex with no edge abrading and no beveling. Maximum dimensions are 7.9 cm x 3.4 cm x 0.9 cm and it weighs 24.3 g. The stem measures 1.1 cm x 1.9 cm and comprises about 14% of the total length of the specimen. The raw material is Burlington chert, which is found locally. Microscopic examination revealed wear resulting from cutting meat without bone contact. This specimen is a variant of the Smith type, which is associated with the Late Archaic Period. The stem is not quite as well made as on a typical Smith.

Artifacts cataloged as 1-3 include two bifacial knife distals. Both have damaged tips and blades, missing shoulders and missing stems and bases. The cross sections are biconvex with no edge abrading and no beveling. Together they weigh



15.3 g. The raw material is Jefferson City chert, which is found locally in the deeper valleys. Microscopic examination revealed wear resulting from cutting meat with bone contact. These specimens are of an unclassified type not associated with a specific cultural period.

23PO422

23PO422 is a prehistoric habitation exhibiting evidence of Late to Terminal Archaic, Middle to Late Woodland and Mississippi Period occupations. It was recorded by Howard Wimmer in 1989 when he collected 47 artifacts weighing 1,296.3 g. These included 1 flat abrader (575.4 g), 3 arrow point fragments (2.8 g), 6 arrow points (4.2 g), 2 stemmed biface fragments (5.8 g), 18 bifacial knife fragments (143.1 g), 3 bifacial knives (44.5 g), 6 preform fragments (129.6 g), 2 preforms (75.8 g), 1 aborted preform fragment (6.8 g), 2 aborted preforms (277.3 g) and 3 projectile point/knife fragments (31.0 g).

Artifact 1-2 is an elliptical thin flat abrader. Maximum dimensions are 10.6 cm x 8.5 cm x 4.2 cm and it weighs 575.4 g. The raw material is a hard tan sandstone, which is found locally. One face is convex and smooth from use, while the other is almost flat with a faintly pitted area in the center. This specimen is an unclassified type not associated with a specific cultural period.

Artifact 1-3 is a projectile point/knife proximal. It is an expanding stem specimen with a missing tip, an excurvate blade, corner notches, barbed shoulders and a convex base. The cross section is biconvex with edge abrading on the base and no beveling. The tip has been carried away by an impact fracture. Maximum dimensions are 4.1 cm x 4.2



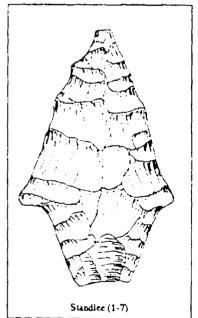
cm x 0.8 cm and it weighs 13.9 g. The stem measures 1.2 cm x 3.1 cm and comprises about 29% of the total length of the specimen. The raw material is Jefferson City chert, which is found locally in the deeper valleys. Microscopic examination revealed wear resulting from cutting meat with bone contact. This specimen is resharpened and most closely resembles the Snyders type, which is associated with the Middle Woodland Period. Apparently this point was used as knife until resharpening reduced size and then used as a dart point, an unusual function for Snyders points.

Artifacts cataloged as 1-5 include 10 bifacial knife distals. All have rounded tips, excurvate blades, missing shoulders and missing stems and bases. The cross sections are biconvex with no edge abrading and no beveling. Together they weigh 58.6 g. The raw material is Jefferson City chert, both plain and heat-treated Burlington chert and an unidentified chert. Microscopic examination revealed wear resulting from cutting meat with bone contact. These specimens are of an unclassified type not associated with a specific cultural period.

Artifact 1-6 is a projectile point/knife proximal. It is an expanding stem specimen with a missing tip, a damaged blade, corner notches, damaged shoulders and a convex base. The cross section is biconvex with edge abrading on the base and no beveling. The tip has been carried away by an impact fracture. Maximum dimensions are 3.6 cm x 3.6 cm x 0.9 cm and it weighs 12.9 g. The stem measures 1.6 cm x 3.5 cm and

comprises about 44% of the total length of the specimen. The raw material is





unidentified chert. Microscopic examination revealed wear resulting from cutting meat with bone contact. This specimen is exhausted and most closely resembles the Snyders type, which is associated with the Middle Woodland Period. Normally Snyders points are cutting tools, but this one was used as dart point after resharpening reduced its size and width.

Artifact 1-7 is a bifacial knife. It is a corner removed contracting stem specimen with a pointed tip, an asymmetrical blade, sloping shoulders and a concave base. The cross section is biconvex with edge abrading on the stem and no beveling. Maximum dimensions are 6.8 cm x 4.2 cm x 0.8 cm and it weighs 17.8 g. The stem measures 1.8 cm x 2.7 cm and comprises about 26% of the total

length of the specimen. The raw material is heat-treated Burlington chert, which is found locally. Microscopic examination revealed wear resulting from cutting meat with bone contact. This specimen most closely resembles the Standlee type, which is associated with the Terminal Archaic and Woodland periods. The blade of this biface is angular, like an Afton on one edge, while it has two angular areas on the other margin. Heavy grinding of the stem and angularity of the blade suggest the Terminal Archaic, but the basic form is found in the Woodland also.

Artifact 1-8 is a bifacial knife distal. It is a corner removed contracting stem specimen with a pointed tip, a recurved blade, sloping shoulders and a missing base. The cross section is biconvex with edge abrading on the stem and no beveling. Maximum dimensions are 5.1 cm x 3.3 cm x 0.7 cm and it weighs 10.6 g. The raw material is heat-treated Burlington chert, which is found locally. Microscopic examination revealed wear resulting from cutting meat without bone contact. This specimen is resharpened and is an unclassified type possibly associated with the Woodland Period.

Artifact 1-9 is a projectile point/knife proximal. It is a corner removed contracting stem specimen with a missing tip, a straight blade, sloping shoulders and a pointed base. The cross section is plano-convex with edge abrading on the stem and no beveling. The tip has been carried away by an impact fracture. Maximum dimensions are 3.2 cm x 2.1 cm x 0.6 cm and it weighs 4.2 g. The stem measures 1.6 cm x 1.6 cm and comprises about 50% of the total length of the specimen. The raw material is a greenish-gray Reeds Spring chert from the Stone and Taney county area of Missouri or Madison County, Arkansas. Microscopic examination revealed wear



resulting from cutting meat with bone contact. This specimen is exhausted and most closely resembles the Table Rock Pointed Stem type, which is associated with the Late Woodland and Mississippi periods.

Artifact 1-10 is a bifacial knife. It is an unstemmed specimen with a rounded tip, an excurvate blade, no notches, no shoulders and a pointed base. The cross section is irregular with no edge abrading and no beveling. Maximum dimensions are 6.1 cm x 3.7 cm x 1.0 cm and it weighs 20.1 g. The raw material is a fine textured greenish-gray Reeds Spring chert, which is found in southwest Missouri and northwest Arkansas into northeast Oklahoma and extreme southeast Kansas. Microscopic examination revealed wear resulting from cutting meat with bone contact. This specimen is an unclassified type not associated with a specific cultural period. While this may have been the preform for a contracting stemmed biface, the distal end did not flake properly so the proximal end was sharpened and used as a cutting too! (probably hand held).

Artifact 1-11 is a bifacial knife proximal. It is a corner removed contracting stem specimen with a missing tip, an asymmetrical blade, damaged shoulders and a convex base. The cross section is irregular with no edge abrading and no beveling. Maximum dimensions are 4.2 cm x 3.8 cm x 1.1 cm and it weighs 14.4 g. The stem measures 1.5 cm

x 2.2 cm and comprises about 36% of the total length of the specimen. The raw material is a very fossiliferous heat-treated Burlington chert, which is found locally. Microscopic examination revealed wear resulting from cutting meat with bone contact. This specimen is an unclassified type possibly associated with the Woodland Period.

Artifacts cataloged as 1-12 include three bifacial knife midsections. All have missing tips, asymmetrical blades, no shoulders and missing stems and bases. The cross sections are biconvex with no edge abrading and no beveiing. Together they weigh 20.3 g. The raw materials include heat-treated Jefferson City chert and heat-treated Burlington chert, both of which are found locally. Microscopic examination revealed wear resulting from cutting meat with bone contact. These specimens are of an unclassified type not associated with a specific cultural period.

Artifact 1-13 is a bifacial knife distal. It has a pointed tip, an excurvate blade, missing shoulders and a missing stem and base. The cross section is biconvex with no edge abrading and no beveling. Maximum dimensions are 6.7 cm x 2.9 cm x 0.7 cm and it weighs 12.1 g. The raw material is Jefferson City chert, which is found locally in the deeper valleys. Microscopic examination revealed wear resulting from cutting meat without bone contact. This specimen is an unclassified type not associated with a specific cultural period.

Artifact 1-16 is a bifacial knife proximal. It is an unstemmed specimen with a missing tip, a damaged blade, no notches, no shoulders and a straight base. The cross section is biconvex with no edge abrading and no beveling. Maximum dimensions are 3.2 cm x 4.1 cm x 1.0 cm and it weighs 15.3 g. The raw material is Burlington chert, which is found locally. Microscopic examination revealed wear resulting from cutting meat without bone contact. This specimen most closely resembles the Red Ochre type, which is associated with the Late Archaic Period.

Artifact 1-18 is a preform. It is an unstemmed specimen with a rounded tip, an excurvate blade, no notches, no shoulders and a convex base. The cross section is biconvex with no edge abrading and no beveling. Maximum dimensions are 6.0 cm x 3.0 cm x 1.0 cm and it weighs 16.8 g. The raw material is heat-treated Burlington chert, which is found locally. Microscopic examination revealed wear resulting from cutting

meat without bone contact. This specimen is an unclassified type not associated with a specific cultural period.



Artifact 1-20 is a bifacial knife. It is an unstemmed specimen with a pointed tip, an excurvate blade, no notches, no shoulders and a straight base. The cross section is biconvex with no edge abrading and no beveling. Maximum dimensions are 4.2 cm x 2.2 cm x 0.7 cm and it weighs 6.6 g. Raw material is heat-treated Jefferson City chert found locally in the deeper valleys. Microscopic examination revealed wear resulting from cutting meat without bone contact. This specimen is an unclassified type not associated with a specific cultural period.

Artifact 1-23 is an arrow point preform proximal. It is an unstemmed specimen with a missing tip and blade, no notches, no shoulders and a straight base. The cross section is biconvex with no edge abrading and no beveling. Maximum dimensions are 1.5 cm x 2.1 cm x 0.5 cm and it weighs 1.8 g. The raw material is heat-treated Burlington chert, which is found locally. Microscopic examination revealed no evidence of use-wear. This specimen is an unclassified type possibly associated with the Woodland and Mississippi periods.

Artifact 1-24 is an arrow point proximal. It is an expanding stem specimen with a missing tip, an incurved blade, corner notches, barbed shoulders and a concave base. The cross section is biconvex with no edge abrading and no beveling. Maximum dimensions are 2.5 cm x 1.7 cm x 0.4 cm and it weighs 1.7 g. The stem measures 0.7 cm x 1.1 cm and comprises about 28% of the total length of the specimen. The raw material is heat-treated Burlington chert, which is found locally. Microscopic examination revealed no evidence of use-wear. This



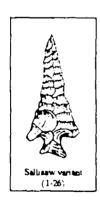
specimen is an unclassified type possibly associated with the Mississippi Period. This is an unusual type, similar to a specimen from 23PO419. Dickson (1991:144) documents four similar specimens from an Early Caddoan context at Albertson (3BE174).



Artifact 1-25 is an arrow point similar to 1-24. It is an expanding stem specimen with a pointed tip, an excurvate blade, corner notches, barbed shoulders and a straight base. The cross section is biconvex with no edge abrading and no beveling. Maximum dimensions are 2.2 cm x 1.6 cm x 0.4 cm and it weighs 1.0 g. The stem measures 0.7 cm x 1.2 cm and comprises about 32% of the total length of the specimen. The raw material is heat-treated Jefferson City chert, which is found locally in the

deeper valleys. Microscopic examination revealed no evidence of use-wear. This specimen is an unclassified type possibly associated with the Mississippi Period.

Artifact 1-26 is an arrow point. It is an expanding stem specimen with a pointed tip, a recurved blade, corner notches, barbed shoulders and a concave base. The cross section is biconvex with no edge abrading and no beveling. Maximum dimensions are 3.0 cm x 1.3 cm x 0.4 cm and it weighs 0.9 g. The stem measures 0.6 cm x 0.7 cm and comprises about 20% of the total length of the specimen. The raw material is Burlington chert, which is found locally. Microscopic examination revealed no evidence of use-wear. This specimen is a variant of the Sallisaw type, which is associated with the Mississippi Period.



Artifact 1-27 is an arrow point proximal. It is an expanding stem specimen with a missing tip, a straight blade, corner notches, square shoulders and a straight base. The cross section is biconvex with no edge abrading and no beveling. Maximum dimensions are 1.7 cm x 1.3 cm x 0.3 cm and it weighs 0.7 g. The stem measures 0.6 cm x 0.9 cm

and comprises about 35% of the total length of the specimen. The raw material is Jefferson City chert, which is found locally in the deeper valleys. Microscopic examination revealed no evidence of use-wear. This specimen most closely resembles the Scallorn Coryell type, which is associated with the Woodland and Mississippi periods.

Artifact 1-28 is an arrow point. It is an expanding stem specimen with a pointed tip, a straight blade, corner notches, square shoulders and a straight base. The cross



section is biconvex with no edge abrading and no beveling. Maximum dimensions are 2.5 cm x 1.0 cm x 0.3 cm and it weighs 0.7 g. The stem measures 0.5 cm x 0.9 cm and comprises about 20% of the total length of the specimen. The raw material is Jefferson City chert, which is found locally in the deeper valleys. Microscopic examination revealed no evidence of use-wear. This specimen most closely resembles the Scallom Coryell type, which is associated with the Woodland and Mississippi periods.

Artifact 1-29 is an arrow point. It is an expanding stem specimen with a damaged tip, an excurvate blade, corner notches, square shoulders and a straight base. The cross section is biconvex with no edge abrading and no beveling. The tip has been damaged by an impact fracture. Maximum dimensions are 2.1 cm x 1.1 cm x 0.3 cm and it weighs 0.7 g. The stem measures 0.6 cm x 0.9 cm and comprises about 29% of the total length of the specimen. The raw material is heat-treated Burlington chert, which is found locally. Microscopic examination revealed no evidence of use-wear. This specimen most closely resembles the Scallorn Coryell type, which is associated with the Woodland and Mississippi periods.

Artifact 1-30 is an arrow point. It is an expanding stem specimen with a pointed tip, an excurvate blade, side notches, square shoulders and a convex base. The cross section is biconvex with no edge abrading and no beveling. Maximum dimensions are 1.9 cm x 0.9 cm x 0.4 cm and it weighs 0.6 g. The stem measures 0.6 cm x 0.8 cm and comprises about 32% of the total length of the specimen. The raw material is Jefferson City chert, which is found locally in the deeper valleys. Microscopic examination revealed no evidence of use-wear. This specimen most closely resembles the Scallorn Eddy type, which is associated with the Woodland and Mississippi periods.

Artifact 1-31 is an arrow point. It is an expanding stem specimen with a pointed tip, a straight blade, side notches, sloping shoulders and a straight base. The cross section is biconvex with no edge abrading and no beveling. Maximum dimensions are 1.4 cm x 0.8 cm x 0.3 cm and it weighs 0.3 g. The stem measures 0.5 cm x 0.7 cm and comprises about 36% of the total length of the specimen. The raw material is heat-treated Burlington chert, which is found locally. Microscopic examination revealed no evidence of use-wear. This specimen is a variant of the Reed type, which is associated with the Mississippi Period.

Artifact 1-32 is an arrow point proximal. It is an expanding stem specimen with a missing tip, a damaged blade, corner notches, missing shoulders and a straight base. The cross section is biconvex with no edge abrading and no beveling. The tip has been carried away by an impact fracture. Maximum dimensions are 1.5 cm x 0.7 cm x 0.3 cm and it weighs 0.4 g. The stem measures 0.5 cm x 0.8 cm and comprises about 33% of the total length of the specimen. The raw material is Jefferson City chert, which is found locally in the deeper valleys. Microscopic examination revealed no evidence of use-wear. This specimen is exhausted and most closely resembles the Scallorn type, which is associated with the Woodland and Mississippi periods.

23PO423

23PO423 is a lithic scatter exhibiting evidence of Late Archaic and Middle Woodland Period occupations. It was recorded by Howard Wimmer in 1989 when he collected 13 artifacts weighing 593.2 g. These included 1 stemmed biface fragment (13.5 g), 1 unstemmed biface fragment (12.2 g), 1 unmodified cobble (465.7 g), 8 bifacial knife fragments (70.4 g), 1 bifacial knife (13.9 g) and 1 aborted preform fragment (17.5 g).

Artifact 1-1 is a bifacial knife. It is a corner removed contracting stem specimen with a damaged tip, an asymmetrical blade, sloping shoulders and a damaged base. The cross section is biconvex with edge abrading on the stem and no beveling. Maximum dimensions are 6.8 cm x 3.2 cm x 2.7 cm and it weighs 13.9 g. The raw material is Burlington chert, which is found locally. Microscopic examination revealed wear resulting from cutting meat without bone contact. This specimen is resharpened and most closely resembles the Dickson type, which is associated with the Woodland Period.

Artifact 1-4 is a bifacial knife proximal. It is a parallel stem specimen with a missing tip, a damaged blade, corner removed, square shoulders and a straight base. The cross section is plano-convex with no edge abrading and unifacial beveling. Maximum dimensions are 4.5 cm x 2.6 cm x 0.7 cm and it weighs 10.0 g. The stem measures 1.4 cm x 2.2 cm and comprises about 31% of the total length of the specimen. The raw material is Pierson chert, which is abundant in the Branson area and may be available in isolated areas locally. Microscopic examination revealed wear resulting from cutting bone or antler. This specimen is resharpened and is an unclassified type not associated with a specific cultural period. It was apparently unifacially worked from a large flake. The square shoulders are narrower than on the Smith type and the flaking characteristics are different as well.

Artifacts cataloged as 1-5 include four bifacial knife distals. All have damaged tips, excurvate blades, missing shoulders and missing stems and bases. The cross section is biconvex with no edge abrading and no beveling. Together they weigh 19.9 g. The raw materials include Jefferson City chert and heat-treated Burlington chert, both of which are found locally. Microscopic examination revealed wear resulting from cutting meat with bone contact. These specimens are of an unclassified type not associated with a specific cultural period.

Artifacts cataloged as 1-6 include two bifacial knife midsections. Both have missing tips, damaged blades, no shoulders and missing stems and bases. The cross sections are biconvex with no edge abrading and no beveling. Together they weigh 25.0 g. The raw materials include plain and heat-treated Burlington chert, which is found locally. Microscopic examination revealed wear resulting from cutting meat with bone contact. These specimens are of an unclassified type not associated with a specific cultural period.

Artifact 1-7 is a bifacial knife proximal. It is an unstemmed specimen with a missing tip, a straight blade, no notches, no shoulders and a convex base. The cross section is biconvex with no edge abrading and no beveling. Maximum dimensions are 33.9 cm x 3.8 cm x 0.9 cm and it weighs 15.5 g. The raw material is heat-treated Burlington chert, which is found locally. Microscopic examination revealed wear resulting from cutting meat without bone contact and from engraving wood. This is the basal portion of a preform for a lanceolate biface. Quite a bit of soft polish and rounding suggest cutting of soft material. At one junction of blade edge and break, there is moderate use crushing and abrasion, typical of that produced by engraving wood or a moderately firm substance. The lanceolate form suggests Early or Middle Archaic, as does the use of broken biface for engraving; but lanceolate bifaces were made at other times too and the fragment is not diagnostic of a specific time.

23PO424

23PO424 is a lithic scatter exhibiting evidence of a Late Archaic Period occupation. It was recorded by Howard Wimmer in 1989 when he collected 7 artifacts weighing 41.5 g. These included 1 stemmed biface fragment (5.4 g), 1 dart point fragment (2.2 g), 4 bifacial knife fragments (26.4 g) and 1 knife/scraper (7.5 g).

Artifact 1-1 is a bifacial knife proximal. It is an expanding stem specimen with a missing tip, a straight blade, side notches, sloping shoulders and a concave base. The cross section is biconvex with edge abrading on the stem and no beveling. Maximum dimensions are 2.6 cm x 2.3 cm x 0.7 cm and it weighs 5.8 g. The stem measures 1.5 cm x 2.3 cm and comprises about 58% of the total length of the specimen. The raw material is Jefferson City chert, which is found locally in the deeper valleys. Microscopic examination





revealed wear resulting from cutting meat without bone contact. This specimen is resharpened and most closely resembles the Fairland type, which is associated with the Late Archaic Period.

Artifact 1-2 is a dart point proximal. It is an expanding stem specimen with a missing tip, a damaged blade, side notches, sloping shoulders and a convex base. The cross section is biconvex with edge abrading on the stem and no beveling. The tip has been carried away by

an impact fracture. Maximum dimensions are $2.2 \text{ cm} \times 1.9 \text{ cm} \times 0.5 \text{ cm}$ and it weighs 2.2 g. The stem measures $1.0 \text{ cm} \times 1.5 \text{ cm}$ and comprises about 45% of the total length of the specimen. The raw material is heat-treated Jefferson City chert, which is found locally in the deeper valleys. Microscopic examination revealed no evidence of use-wear. This specimen is exhausted and is a variant of the Table Rock Stemmed type, which is associated with the Terminal Archaic and Woodland periods.

Artifact 1-3 is a bifacial knife/scraper. It is an expanding stem specimen with a rounded tip, an excurvate blade, corner notches, square shoulders and a convex base. The cross section is biconvex with no edge abrading and no beveling. Maximum dimensions are 3.0 cm x 2.8 cm x 0.8 cm and it weighs 7.5 g. The stem measures 1.4 cm x 2.6 cm and comprises about 47% of the total length of the specimen. The raw material is Burlington chert, which is found locally. Microscopic examination revealed wear resulting from cutting meat without bone contact and from



scraping wet hide. This specimen has been resharpened to a rounded stub and most closely resembles the Big Creek type, which is associated with the Late Archaic Period.

Artifacts cataloged as 1-5 include two bifacial knife distals. Both have pointed tips, excurvate blades, missing shoulders and missing stems and bases. The cross sections are biconvex with no edge abrading and no beveling. Together they weigh 9.9 g. The raw materials include plain and heat-treated Burlington chert, which is found locally. Microscopic examination revealed wear resulting from cutting meat with bone contact. These specimens are of an unclassified type not associated with a specific cultural period.

Artifact 1-6 is a bifacial knife midsection. It has a missing tip, an excurvate blade, no shoulders and a missing stem and base. The cross section is biconvex with no edge abrading and no beveling. Maximum dimensions are 2.5 cm x 4.2 cm x 0.9 cm and it weighs 10.7 g. The raw material is Burlington cher ich is found locally. Microscopic examination revealed wear resulting from cutting the prantler. This specimen is an unclassified type not associated with a specific cultural period.

23PO425

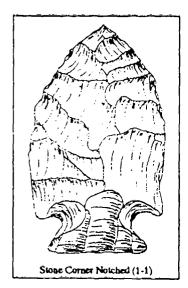
23PO425 is a lithic scatter exhibiting evidence of a Late Archaic Period occupation. It was recorded by Howard Wimmer in 1989 when he collected 5 artifacts weighing 76.4 g. These included 1 unstemmed biface fragment (22.7 g), 1 dart point fragment (9.7 g) and 3 preform fragments (44.0 g).

Artifact 1-1 is a dart point midsection. It has a missing tip, a damaged blade, damaged shoulders and a damaged stem and base. The cross section is biconvex with no edge abrading and no beveling. The tip has been carried away by an impact fracture. Maximum dimensions are 3.4 cm x 3.3 cm x 0.7 cm and it weighs 9.7 g. The raw material is Jefferson City chert, which is found locally in the deeper valleys. Microscopic

examination revealed no evidence of use-wear. This specimen is exhausted and is an unclassified (probably expanding stem) type not associated with a specific cultural period.

23PO430

23PO430 is a lithic scatter exhibiting evidence of Late Archaic and Middle Woodland Period occupations. It was recorded by Howard Wimmer in 1990 when he collected 2 bifacial knives (24.9 g).



Artifact 1-1 is a bifacial knife. It is an expanding stem specimen with a pointed tip, an excurvate blade, corner notches, barbed shoulders and a straight base. The cross section is biconvex with edge abrading on the base and no beveling. Maximum dimensions are 6.2 cm x 3.7 cm x 0.7 cm and it weighs 15.1 g. The stem measures 1.0 cm x 2.5 cm and comprises about 16% of the total length of the specimen. The raw material is Reeds Spring chert, which is found in southwest Missouri and northwest Arkansas into northeast Oklahoma and extreme southeast Kansas. Microscopic examination revealed wear resulting from cutting meat without bone contact. This specimen most closely resembles the Stone Corner Notched type, which is associated with the Late Archaic Period.

Dickson (1-2)

Artifact 1-2 is a bifacial knife. It is a contracting stem specimen with a rounded tip, an incurved blade, corner removed, sloping shoulders and a concave base. The cross section is biconvex with edge abrading on the stem and base and no beveling. Maximum dimensions are 5.7 cm x 2.7 cm x 0.7 cm and it weighs 9.8 g. The stem measures 1.9 cm x 2.0 cm and comprises about 33% of the total length of the specimen. The raw material is heat-treated Burlington chert, which is found locally. Microscopic examination revealed wear resulting from cutting bone or antler. This specimen is resharpened and most closely resembles the Dickson type, which is associated with the Woodland Period.

23PO433

23PO433 is a lithic scatter of unknown cultural affiliation. It was recorded by Howard Wimmer in 1990 when he collected 3 artifacts weighing 7.3 g. These included 2 biface fragments (3.0 g) and 1 stemmed biface fragment (4.3 g). Neither is associated with a specific cultural period.

23PO434

23PO434 is a lithic scatter of unknown cultural affiliation. It was recorded by Howard Wimmer in 1990 when he collected 1 bifacial knife midsection. It has a missing tip, a damaged blade, no shoulders and a missing stem and base. The cross section is biconvex with no edge corading and no beveling. Maximum dimensions are 3.6 cm x 2.5 cm x 0.6 cm and it weighs 6.7 g. The raw material is Burlington chert, which is found locally. Microscopic examination revealed wear resulting from cutting meat with bone contact. This specimen is an unclassified type not associated with a specific cultural period.

23PO435

23PO435 is a lithic scatter exhibiting evidence of a Late Archaic Period occupation. It was recorded by Howard Wimmer in 1990 when he collected 7 artifacts weighing 238.7 g. These included 1 blank fragment (51.3 g), 1 blank (137.6 g), 4 bifacial knife fragments (44.5 g) and 1 bifacial knife (5.3 g).



Artifact 1-1 is a bifac at knife. It is an expanding stem specimen with a rounded tip, an excurvate blade, side notches, sloping shoulders and a concave base. The cross section is biconvex with edge abrading on the stem and base and no beveling. Maximum dimensions are 3.2 cm x 2.3 cm x 0.6 cm and it weighs 5.3 g. The stem measures 1.5 cm x 2.5 cm and comprises about 47% of the total length of the specimen. The raw material is heat-treated Burlington chert, which is found locally. Microscopic examination revealed wear resulting from cutting meat with bone contact. This specimen is

exhausted and most closely resembles the Hanna type, which is associated with the Late Archaic Period.

Artifacts cataloged as 1-2 include four bifacial knife fragments. All have missing tips, damaged biades, no shoulders and missing stems and bases. The cross sections are biconvex with no edge abrading and no beveling. Together they weigh 44.5 g. The raw materials include Jetferson City chert, Pierson chert and Burlington chert. Small amounts



of the edge on each specimen seem to feature damage typical of that caused by butchering with bone contact. However, the intact areas are small. These specimens are of an unclassified type not associated with a specific cultural period.

23PO440

23PO440 is a rithic scatter exhibiting evidence of a Middle Archaic Period occupations. It was recorded by Howard Wimmer in 1991 when he collected 1 projectile point/knife (6.8 g). It is a lobed stem specimen (1-1) with a damaged tip, a damaged blade, side notches,

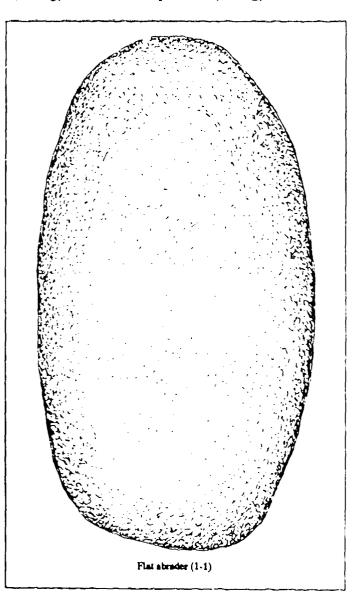
sloping shoulders and a concave base. The cross section is biconvex with edge abrading on the base and no beveling. The tip has been damaged by an impact fracture. Maximum dimensions are 4.0 cm x 2.0 cm x 0.7 cm and it weighs 6.8 g. The raw material is Burlington chert, which is found locally. Microscopic examination revealed wear resulting from cutting meat with bone contact. This specimen most closely resembles the White River type, which is associated with the Middle Archaic Period.

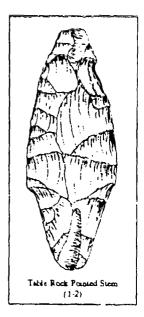
23PO443

23PO443 is a lithic scatter exhibiting evidence of Late Woodland and Mississippi Period occupations. It was recorded by Howard Wimmer in 1991 when he collected 5 artifacts weighing 918.5 g. These included 1 flat abrader (785.2 g), 1 blank (75.2 g), 1 bifacial knife (11.8 g), 1 knife/scraper (32.9 g) and 1 aborted preform (13.4 g).

Artifact 1-1 is a flat abrader. Maximum dimensions are 13.9 cm x 7.7 cm x 4.7 cm and it weighs 785.2 g. The raw material is a hard tan sandstone, which is found locally. This is a well-shaped elliptical muller with two convex faces (no pits) and rounded well-shaped sides. This specimen is an unclassified type not associated with a specific cultural period.

Artifact 1-2 is a bifacial knife. It is a corner removed contracting stem specimen with a damaged tip, a damaged blade, sloping shoulders and a pointed base. The cross section is biconvex with edge abrading on the stem and base and no beveling. Maximum dimensions are 6.5 cm x $2.5 \text{ cm} \times 0.7 \text{ cm}$ and it weighs 11.8g. The stem measures 2.0 cm x 2.0 cm and comprises about 31% of the total length of the specimen. The raw material is Burlington chert, which is found locally. Microscopic examination revealed wear resulting from cutting bone or antler. This specimen is





resharpened and most closely resembles the Table Rock Pointed Stem type, which is associated with the Late Woodland and Mississippi periods.

Artifact 1-4 is a bifacial knife/scraper. It is an unstemmed specimen with a rounded tip, an excurvate blade, no notches, no shoulders and a convex base. The cross section is biconvex with no edge abrading and no beveling. Maximum dimensions are 7.7 cm x 3.6 cm x 1.2 cm and it weighs 32.9 g. The raw material is Burlington chert, which is found locally. Microscopic examination revealed wear resulting from cutting meat without bone contact and from scraping wet hide. This specimen is an unclassified type not associated with a specific cultural period. The distal end of this biface is well shaped and thin, with use polish. The proximal portion still has cortex visible and has not been well thit.aed. It apparently was hand-held.

23PO446

23PO446 is a lithic scatter exhibiting evidence of Late Archaic and Woodland Period occupations. It was recorded by Howard Wimmer in 1991 when he collected 3 artifacts weighing 16.7 g. These included 1 stemmed biface fragment (2.9 g), 1 dart point (4.7 g) and 1 preform fragment (9.1 g).

Artifact 1-1 is a dart point. It is an expanding stem specimen with a damaged tip, a straight blade, side notches, square shoulders and a convex base. The cross section is biconvex with no edge abrading and no beveling. The tip has been damaged by an impact fracture. Maximum dimensions are 3.1 cm x 2.4 cm x 0.7 cm and it weighs 4.7 g. The stem measures 1.4 cm x 2.3 cm and comprises about 45% of the total length of the specimen. The raw material is Burlington chert, which is found locally. Microscopic examination revealed no evidence of use-wear. This specimen is exhausted and is an unclassified type possibly associated with the Woodland Period.



23PO451



23PO451 is a lithic scatter of unknown cultural affiliation. It was recorded by Howard Wimmer in 1992 when he collected 4 artifacts weighing 209.5 g. These included 2 biface fragment (5.2 g), 1 blank fragment (199.5 g) and 1 bifacial knife fragment (4.8 g).

Artifact 1-2 is a bifacial knife proximal. It is an corner removed expanding stem specimen with a missing tip, a straight blade, square shoulders and a straight base. The cross section is irregular

with no edge abrading and no beveling. Maximum dimensions are 2.9 cm x 2.2 cm x 0.7 cm and it weighs 4.8 g. The stem measures 0.9 cm x 1.5 cm and comprises about 31% of the total length of the specimen. The raw material is Jefferson City chert, which is found locally in the deeper valleys. Microscopic examination revealed wear resulting from cutting meat without bone contact. This specimen is an unclassified type not associated with a specific cultural period.

ANALYSIS OF THE WIMMER CERAMIC COLLECTIONS

Wimmer collected ceramics from 5 Stockton sites including 23PO394 and 23PO422 in Polk County and 23DA320, 23DA321 and 23DA397 in Dade County. These collections were reviewed and analyzed by Dr. James E. Price of the University of Missouri, Southeast Missouri Archaeological Research Center. Diagnostic attributes of the 315 Wimmer ceramics were chosen to best describe variation in color, surface treatment, paste and temper. These attributes are generally considered temporally or culturally significant in defining ceramic types.

Prior to quantification the entire ceramic population from the Wimmer sites was visually examined in detail and critically significant attributes were noted. The ceramics from each of the sites were then assessed relative to these attributes and categorized accordingly. The examined Wimmer ceramics were divided into 2 types based on clusters of attributes. Our Type I is a coarse, poorly executed, ware that tends to be poorly preserved, brittle and exhibit a propensity to exfoliate. Our Type II is a much more refined ware that has finer tempering materials, is more dense, is harder and exhibits much finer workmanship than that demonstrated on Type I ceramics (Table 2).

Table 2. Analysis of ceramics collected by Wimmer.

	Cord-marked body	Plain body	Cord-marked rim	Plain rim
23PO394 Type I Ceramics	62	49	2	2
23PO394 Type II Ceramics	5	78	2	3
Sub-total	67	127	4	5
23PO422 Type I Ceramics	24	73	0	2
23PO422 Type I! Ceramics	0	0	0	0
Sub-total	24	73	0	2
23DA320 Mica-tempered sherd	0	1	0	0
23DA320 Type I Ceramics	0	0	0	0
23DA320 Type II Ceramics	0	4	0	0
Sub-total	0	5	0	0
23DA321 Type I Ceramics	0	0	0	0
23DA321 Type II Ceramics	1	6	0	U
Sub-wal	1	6	0	0
23DA397 Type I Ceramics	0	0	0	0
23DA397 Type II Ceramics	1	0	0	0
Sub-total	1	0	0	0
Wimmer Collection Totals	93	211	4	7

TYPE I CERAMICS

- Paste This ware is made from a poorly-fired clay that appears in cross-section to be poorly-bonded lamellar platelets. Surfaces exfoliate easily and the paste is quite crumbly.
- Temper Dominant temper is crushed limestone of which the majority has leached out leaving small circular holes in the interior and exterior surfaces. Other tempering agents evident under magnification include fired clay particles or grog.
- Color Color ranges from dark red to orange on portions of vessels exposed to an oxidizing atmosphere of fire. Other colors are light to dark gray in reduced zones on sherds. Most often the cores of sherds are dark gray to black.
- Thickness Sherds range from 8 mm 18 mm in thickness with most being toward the lower end of this scale. Thicker specimens are presumably basal sherds from subconoidal vessels.
- Cord-marked Cord-marked specimens exhibit poorly executed impressions of a cord-wrapped paddle. There is little uniformity or consistency in the direction and spacing of cord impressions which tend to occur in a haphazard fashion on the exterior of sherds. Some impressions appear to have been made from a wad of cord or fiber pressed into the surface. On some sherds smoothed-over cord-marking is evident. Impressions are so poorly defined that it is impossible to determine if the cord was configured as a "s" twist or a "z" twist.
- Plain Although badly croded and often exfoliated sherds occur in the sample it can be stated that well over 50% of them exhibit untextured exterior surfaces. No fine smoothing or pebble burnishing are evident on these surfaces.
- Rim Treatment Rims are overwhelmingly plain near the lip area with the exception of one large rim sherd which exhibits notching.
- Vessel Shape Although most of the sherds are quite small, the assemblages demonstrate
 that vessels were subconoidal, shouldered vessels with nearly vertical rims. Vessel shape
 appears not to deviate from typical Woodland vessel shapes throughout the Ozark Highland
 of Missouri.

TYPE II CERAMICS

- Paste Thes, peramics are more refined and better executed than Type I. The paste is
 compact and lacks the porosity evident in Type I. Surfaces, both interior and exterior, are
 generally quite smooth and do not exhibit the exfoliation evident in Type I.
- Temper This type exhibits some finely-crushed limestone as temper but the dominant tempering agent is a fine silty sand. Some specimens appear to be wholly sand-tempered, sometimes with medium-coarse sand particles. None appears to have grog incorporated as a tempering agent.
- Color Most of the Type II sherds are a uniform gray to brown in color. Cores of sherds tend to be uniform in color with the interior and exterior surfaces. Extremes of oxidation and reduction are not exhibited by these sherds.

- Thickness Sherds range in thickness from 5 mm 9 mm. Thick sherds, presumably from the bases of vessels, are not as prevalent in Type II as in Type I.
- Surface Treatment The overwhelming majority of Type II ceramics are plain and quite smooth on both interior and exterior surfaces. A few specimens exhibit cord-marking.
- Rim Treatment Rims on Type II ceramics are plain and lips are rounded. No lip notching
 occurs on any of the specimens.
- Vessel Shape From the few rim sherds available in the samples it appears that the vessels
 were morphologically quite similar to Type I ceramics, i.e., typical subconoidal to globular
 Woodland jar shapes.

CHRONOLOGY AND CULTURAL PLACEMENT

Although considerable archeological research has been conducted in the Stockton area (Chapman et al. 1962; Wood et al. 1965; Wood 1966; Kaplan et al. 1967; Roper 1977) there have been no ceramic types defined or names assigned. Work in the Stockton area has concentrated on the excavation of stone artifacts and earthen burial mounds. Ceramics from the mounds have been described and certain conclusions can be drawn concerning these prehistoric artifacts in the Stockton area. It is evident that the Woodland Period in the area spans a long period of time, probably starting some time in the first or second centuries BC and continuing almost to the protohistoric era. Although evidence for Early Woodland and Hopewellian (Middle Woodland) ceramics in the area is sparse, evidence for Late Woodland occupation of the Western Ozarks is most abundant (Roper 1977:25). After ca. 1200 AD shell-tempered ceramics entered the region, perhaps as trade vessels, from both the Spiro area of Oklahoma as well as the Cahokia area to the northeast in western Illinois.

Roper (1977:25) summarizes Woodland ceramics in western Missouri as including a clay- or grog-tempered cord-marked form, identified as relating to the Pomona Phase of the Central Plains Tradition and a limestone-tempered type which is characteristic of the Ozarks. Our Type I ceramics essentially are in keeping with the grog-tempered type discussed by Roper although specimens examined in this analysis also incorporate some limestone with the grog. The fine limestone and silty sand-tempered ceramics in the Wimmer collections apparently parallel the limestone-tempered type described by Roper.

Much of the research conducted by Wood (1967) and others in the area was directed toward defining and refining burial complexes associated with mound construction of which the Fristoe Burial Complex is the most well defined (Wood 1967:105). The Woodland ceramics recovered from the burial mounds in southwestern Missouri are so generic and ambiguous that it is impossible to equate and relate them to ceramics recovered from village sites such as those visited by Wimmer.

USE OF THE WIMMER AND HPA COLLECTIONS IN AREA RESEARCH

In an effort to assess research needs in the Stockton area, we consulted the Master Plan for Archaeological Resource Protection in Missouri (Weston and Weichman 1987) and previous survey reports of work conducted around the lake (Girard and Freeman 1992; Mercado-Allinger and Jackson 1989 and Nichols et al. 1980). Not all of the research topics posed by these investigators have been incorporated into this study. Some require excavated data or probabilistic sampling strategies that render the information gathered by us less than adequate. Still, other topics were not addressable because our work did not produce the appropriate data. None-the-less, we did find a number of research topics for which we generated sufficient information to address.

INDIGENOUS GROUPS OR CADDOAN GROUPS?

One of the regional research issues focuses on the relationship (if any) of indigenous groups to Caddoan groups to the south. We reviewed the combined HPA and Wimmer collections in an effort to assess whether such a relationship existed. Many arrow point types in the Wimmer collection (Agee A, Alba-like, Scallorn, Sequoyah, Haskell, Keota, Sallisaw, Morris, Reed and Huffaker) are commonly associated with the Loftin, Huntsville, War Eagle, Harlan and Spiro phases in southwest Missouri, northwest Arkansas and northeast Oklahoma. 23DA412, 23PO366, 23PO370, 23PO373, 23PO381, 23PO394, 23PO416 and 23PO422 produced 2 or more of these arrow point types, most of which were made from local cherts (Table 3). Three specimens from 23PO366, 1 from 23PO370 and 1 from 23PO373 were made from Keokuk chert and 2 from 23PO394 were made from Reeds Spring chert found south of the Stockton area. Of the 90 Caddoan-like arrow points recovered, only 7 (12.8%) were made of materials probably obtained in extreme southwest Missouri (i.e., Keokuk and Reeds Spring cherts).

One of the enigmas relating to the substantial quantity of arrow point types normally associated with the southern Caddoan groups is the fact that no sherds commonly associated with Caddoan components to the south (i.e., Woodward Plain, Williams Plain, Le Flore Plain, Paris Plain, Poteau Plain, or any of the undesignated polished plain, engraved or incised types) were identified in the Wimmer collections, although several grit-tempered cord-marked and plain Late Woodland sherds were present. It is recognized that the Dade and Polk County sites are mostly upland sites, possibly hunting camps, and that sites containing ceramics might have been located adjacent to the river and thus covered by Stockton Lake. To assess this possibility, the literature relating to sites studied in the areas now covered by Stockton Lake and in the Downstream Stockton area was reviewed. In Plate 2 of the Downstream Stockton Study (Roper 1977) specimen (h) seems to be a Haskell point and specimens (e), (f) and (g) are Scallorn or Sequoyah-like arrow points. Scallorn varieties are extremely widespread through Missouri, Arkansas, Oklahoma, Louisiana and Texas in Late Woodland and

¹See Dickson (1991:155-159, 180-188) for descriptions of the Caddoan sherd varieties found at Albertson (3BE174), located in Benton County, Arkansas not far from the Missouri line.

Table 3. Chert types by biface type and cultural period.

Bifsce Type	Jefferson City		Premion		Reeds Springs		Fleey		Keokuk		Burlington		Unknown		Total
	Plo_	, <u>нт</u>	Pla	HT.	⊃pma Pla_		Pin	HT	Pin	HT	Pio_	HT	Plp	нŢ	
Early Archaic															
Dalton	1	1			1					1	2	1			7
Hardin	1														1
Middle Archaic											4				
Calf Creek Hardin variant		1									3				4
narozo venant Jakie	2										1 2				1
Noise	2										2	3)
Rice Lobed									1			1			2
Rice varient									•			i			1
White River	3		2	1							4	8			18
Laie Archaic	•		_	•							-	•			•
Afton	1										1	2			4
Big Crock	3			1	1					1	16	55	1		77
Castroville	1											2			3
Duncan											1	2			3
Edgewood		1											1		2
Elistike											1	1			2
Ensor					1						1	4			6
Ettey	-										1	_			1
Fairtend Goder	2 2		1								1	2			6
Hanna	4											•			2
Kings Corner Notched	12				2				1		4 11	21		1	27 56
Marcos	12				4						11	31 2			
Marshall-like											i	2			3
Martindale											•	1			1
Palmillas-like									1			•			1
Red Ochre							1		•		1	1			3
Sedalis digger							•				i	•			í
Sedalia-like adze	1										-				i
Smith	7				1				1	1	9	9	1		29
Stone Corner Notched	6		1	1	1				2		13	41	1		66
Stone Square Stemmed	3						1		i		4	11	2		22
Table Rock Stemmed	1	2	1	1		1			1		1	31	2		41
Undifferentiated Woodland															
Copena											2	2			4
Gery												1			1
Lander Corner Notched		_			1						4	7			12
Langtry Standlee	2	2	1						1		6	19	2		33
Standarde Walibeara	2 2	1									_	9	1		13
Wildle Woodland	2										2	6			10
Dickson	3	1		1							_				٠.
Gibson	1	•		1				1	1		5	13			24
Grand	•							1			2	2 5			6
Snyders	1				1						1	9	1	1	5
Steuben	2		1		•					1	4	15	1	1	14 23
Late Woodland	-		•							•	-	D			۵
Klunk Side Notched	1														1
Koster-like												1			i
Ruce Side Notched	3	2	1	1							11	20			38
Schild											i	1			2
Misvissippi Late Prehisiorie											-	-			٠
Alba												1	1		2
Cahokia Multiple Notched												1	-		ī
Cahokta Side Notched												1			ī
Crisp Ovate	1											-			i
Freeno	2	1							1		1	5	2	1	13
Harahey Knife Haakeli											1				1
Hatket Huffaker											1	2			3
riustanser Keosa	1 3				1										2
Momia	3														3
Morna Roed	1											1			1
rceo Salbaaw	2				1							2			4
Scalloro	12	2							_	1	1	4	1		9
Sequoyah	5	4							2		8	38			62
Table Rock Pointed Stem	2				1					1	2	5			14
	4				1				l		5				9
Washits												2			2

Mississippi Period sites. The Roper (1977) Plate 2 artifacts are not labeled as to site of origin and are only listed as "Late Woodland."

Although the remains of 3 houses were excavated at Flycatcher (23CE153), an open village location (Calabrese et al. 1969:38), no ceramics were recovered. At least 1 house and several activity areas were excavated at Dryocopus (23CE120), also in Cedar County, Missouri. Again, no ceramics were recovered. The illustrated bifaces including Afton-like, Smith, Table Rock Stemmed and Big Creek-like specimens are probably Late Archaic, and the several contracting stemmed forms could represent either Late Archaic or Woodland activities. Five of the 6 probable arrow points illustrated in Plate 3 are certainly Woodland, while specimen (m) could be either a Woodland or Mississippi Period artifact (Calabrese et al. 1969:1, 38-50).

Considering the fact that most of the Caddoan-like arrow points were made from local Ordovician and Burlington cherts, trade does not seem to represent a probable explanation for their presence in substantial numbers at several sites. One possible explanation is that Caddoan hunting groups from extreme southwest Missouri and the Table Rock area repeatedly visited these sites on hunting-foraging trips, losing only arrow points and other bifaces related to faunal procurement and processing. The use of mostly local cherts suggests that such stays would have been lengthy. However it seems probable that more points, especially broken ones, made from Reeds Spring and other extreme southern Missouri cherts should be present if Caddoan groups from further south came into the area repeatedly. Also, if family groups visited these sites, it seems probable that pottery would be present. To the argument that shell-tempered pottery may have disintegrated in the acidic soils, it should be stressed that some of the Caddoan pottery including Williams Plain and Le Flore Plain were grog or grog and grit-tempered and would have survived.

One explanation for these arrow points could be the possibility that in Late Mississippi or Late Prehistoric times idea diffusion may have promoted the acceptance of biface forms from other areas. In other words, concepts regarding the acceptable shapes of arrow points may have crossed ethnic and cultural barriers. Support for this concept can be found in the fact that the stemmed Scallorn varieties are distributed over such a large area. And, of course, the triangular arrow point, variously labeled as Madison, Mississippi Triangular and Fresno in the Mississippi Valley, western Arkansas, Oklahoma and Texas, is extremely widespread in Late Prehistoric times as are snub-nosed end scrapers, beveled knives, grooved sandstone abraders and bone shaft wrenches.

SHIFT FROM LARGE DARTS TO SMALL ARROWS?

Another regional question asked whether there was a shift from the production of large dat points to small arrow point during the Early/Middle Woodland Period. Perhaps a better question might be: "To what degree did arrow points replace dart points throughout the Woodland and Mississippi Periods?"

Data from such stratified sites as Rice (23SN200; Bray 1956:46-134), Bontke (23MD43; Cobb 1975) and Albertson (3BE174; Dickson 1991:94-213) suggest that the bow and arrow was gradually accepted. At Albertson, where 2 m of ceramic deposits were present and components could be separated fairly well, a few late Middle Woodland points (category MW-6) with unusual fractured bases may have functioned as arrow points, however most bifaces were larger and apparently were used as dart points or cutting implements. Late Woodland levels produced many corner and side notched arrow points as well as several types of larger bifaces. The arrow points seemed to be diminutive copies of the larger specimens and were very common at this time.

During the succeeding Caddoan and Neosho phase occupations arrow points outnumbered the larger dart points and cutting tools, but they did not entirely replace them. In other words, these data suggest a gradual acceptance of the bow and arrow throughout the Woodland. While it is recognized that selective collecting by some individuals in the Stockton area may have distorted the picture at sizes visited by Wimmer, he apparently picked up all artifacts other than debitage, and substantial collections exist for several sites. Considering that these are select surface collections, we cannot quantify the ratios of arrow points to dart points by component, although a few data are relevant. For example, 24 diagnostic Woodland and Mississippian arrow points were collected from the multi-component site 23PO370. Ten of these were Scallorn, 2 Sequoyah, 2 Haskell, 2 Sallisaw, 1 Schild and 7 were unclassified fragments. Only the Schild point is not a Caddoan type. Several Stone Corner Notched, White River Archaic, Smith, Table Rock, and Kings Corner Notched bifaces from the site are probably the result of Archaic activities. Six Woodland (3 Dickson bifaces, 1 Steuben biface, 1 Waubesa, and 1 Copena) bifaces were recovered. While the Steuben type apparently survived into the Late Woodland, most of them and the Dickson, Waubesa and Copena bifaces probably relate to the Middle Woodland. Therefore, few if any Late Woodland or Mississippi Period large bifaces were present, while 24 arrow points were recovered. This suggests that the bow and arrow had become quite popular in the Stockton area by Late Woodland times.

Eighteen arrow points were found at 23PO381 including 7 Scallorn, 4 Sequoyah, 2 Reed, 1 Washita, 1 Fresno and 3 undiagnostic fragments. While most of the large bifaces were Late Archaic, 2 Rice Side Notched specimens (usually Late Woodland) and 1 Steuben (Middle Woodland into Late Woodland) were recovered. Again, the scarcity of Late Woodland and Mississippian larger bifaces compared to 18 arrow points suggests that the bow and arrow became the dominant hunting tool during the Late Woodland.

DID TRIANGULAR ARROW POINTS PREVAIL?

The basic question here is whether triangular arrow points eventually replaced all other point forms. In an absence of stratified and datable sites, this is a difficult question to answer. Certainly in extreme southwest Missouri and northwest Arkansas, the Fresno type arrow point seems to replace notched types during the Neosho phase (Dickson 1991:282). Whether this happened in the Stockton Reservoir area is uncertain.

Thirteen Fresno or Mississippi Triangular points were recovered from several sites including 23PO381 and 23PO377 but they are a minor type at the few sites where they were found. Unless population densities dropped tremendously during Late Prehistoric times, notched arrow point forms do not appear to have been replaced by triangular forms. The HPA and Wimmer collections include specimens from a large number of sites in the Stockton area and thus would appear to be more definitive than small assemblages from a few local sites.

LATE ARCHAIC SPECIALIZATION?

Another area of regional interest is whether there was an increase in specialization and/or diversification of tool forms during the late archaic? Since many ancillary tools (i.e., gravers, unhafted bifaces used for cutting, scraper forms and choppers) are not diagnostic of the Late Archaic, one must have a stratified site with sound contextual data to address this question properly. Only the 3 Red Ochre bifaces, the Sedalia adze from 23PO377 and the Sedalia Digger from 23PO395 are characteristic Late Archaic tools (Chapman 1975:200, 251). Because the large numbers of Late Archaic biface styles (i.e., Smith, Table Rock Stemmed, Afton, Big Creek, Stone Corner Notched, Fairland and Kings Corner Notched; Table 3) indicate a larger local population than resided in the area during the Middle and Early Archaic periods, many of the other tools found on these sites probably are Late Archaic as well.

Notice in Table 4 that of 710 bifaces, 358 are Late Archaic. This is in strong contrast to the 9 Early Archaic bifaces and 32 Middle Archaic specimens. An important question here is whether the 21 different Late Archaic biface types found at Stockton sites indicate a large number of Late Archaic groups or whether a few groups made many biface styles. This question can be addressed only if single component or clearly stratified multiple component sites can be found.

CHANGES IN LITHIC RESOURCE SELECTION?

A very interesting regional question is whether lithic resource selection changes over time. Several questions regarding chert selection can also be addressed. First, can any pattern be recognized from the data indicating that a major cultural division, such as Early Archaic or Late Woodland, selected one chert type over another? Also, can it be determined that any group from these more general periods was selective in choice of chert? Table 3 depicts the chert types used during the various periods to produce the diagnostic bifaces recovered from the Stockton area.

One question that cannot be adequately addressed with the data at hand is "to what degree was convenience a factor in chert choice at each site?" At this time the closest lithic sources, either stream cobbles or bedrock outcrops, have not been determined for the Stockton sites. A general observation, based on collections of raw materials gathered adjacent to or near several sites, suggests that mostly local resources were exploited at

Table 4. Cultural assignment of bifaces at Stockton sites.

Biface Type	Early	Archaic Middle	Late	Woodland	Mississipp
Afion			4		
Alba					
Big Creek			7 8		
Cahokia					1
Cahokia Side Notched					1
Calf Creek variant		3			
Calf Creek		1			
Castroville			3		
Copena				4	
Crisp Ovate					1
Dalton	7				
Dickson				24	
Duncen			3		
Edgewood			2		
Ellis-like			2		
Ensor			6		
Etley			1		
Fairland			8		
Fresto					1.
Gary				1	
Gibson				6	
Godař			2		
Grand				5	
Hanna			27	_	
Harshey Knife			_		
Hardin	2				
Haskell	_				;
Huffaker					
lakie		7			•
Keota		•			;
Kings Corner Notched			56		•
Klunk Side Notched			50	1	
Koster-like				i	
Lander Corner Notched				12	
Langtry					
Marcos			-	33	
Markall-like			3		
Martindale			1		
			1		
Morris				1	
Nolan		1			
Palmillas-like			1		
Red Octure			3		
Rood					
Rice Lobed variant		2			
Rice Side Notched				38	
Sallisaw				30	(
Scallorg				•	6
Schild					0,
Sedalia digger				2	
Sedalia-like adze				1	
Sequoyah				1	
sequoyan Smith					1
			29		
Snyders				14	
Standlee				13	
Steuben				23	
stone Corner Notched			66		
Stone Square Stemmed			22		
Table Rock Pointed Stem					1
Table Rock Stemmed			41		
Washita					
Waubesa				10	,
White River		18			
Total	9	32	359	190	128

these locations. One cannot speak with assurance regarding the dozens of other sites. Either detailed geological maps for the entire area would be needed or a field reconnaissance of the areas adjacent to each site would have to be made. One problem with most geological maps is that small outliers and thin lenses of some formations are not always shown, and stream cobble sources are never depicted. A surface survey of the area is the only way to thoroughly consider all possible chert sources.

In the Stockton area the most abundant chert is the Mississippian Burlington (MB) and the next most common is the Ordovician Jefferson City (OJC). Small lenses or outliers of Mississippian Pierson (MP) are locally available, and it is possible that some very thin beds of Sedalia carbonates (MS) may exist in the Stockton area. In Cooper County and adjacent areas of central Missouri, the Sedalia contains a dark gray to black chert (Thompson 1986:39), but whether the feather edge of Sedalia possibly existing in the Stockton area contains chert is not known at time. The Reeds Spring (MRS) and Keokuk (MK) cherts recovered at Stockton area sites probably come from areas in extreme southern Missouri where they are abundant.

The Early Archaic makers of Dalton and Hardin bifaces fashioned 3 specimens from Jefferson City and 3 from Burlington chert. No trend seems apparent here. The single biface made from Reeds Spring chert and 1 from Keokuk probably were brought into the area from the south.

During the Middle Archaic period, residents of the sites being studied made 6 bifaces from Jefferson City chert (17.7%), 3 from Pierson (8.8%), 1 from Keokuk (2.9%) and 24 from Burlington (70.6%). Here we see a definite trend toward the use of Burlington cherts, although the use of Jefferson City may approximate its local availability. There also seems to be a trend toward heat-treating of cherts as 16 of the 34 (47.1%) Middle Archaic bifaces were made from heat-treated cherts. Fourteen of the 24 (58.3%) Burlington chert bifaces had been heat-treated.

At this time we cannot say how many groups were involved in the production of the 21 Late Archaic dart point/knife types, the Sedalia digger and Sedalia adze. However, 42 bifaces (11.7%) were made from Jefferson City chert while 6 (1.7%) were made from Pierson, 6 (1.7%) from Reeds Spring, 2 (0.6%) from Elsey, 9 (2.5%) from Keokuk, 283 (79.3%) from Burlington, and 9 (2.5%) from unknown cherts. It is apparent that Burlington chert was a dominant choice by Late Archaic groups in general. It should be pointed out that 51% of the sites being considered produced Late Archaic bifaces, so such sites are widely represented in the reservoir area. It seems apparent that the Late Archaic peoples were choosing Burlington chert more for cultural reasons than for availability. The geological literature does not document the areal percentages of local outcrops of Jefferson City and Burlington formations but the State Geological Map shows about 25% of Cedar County, possibly 10% of Dade County and almost 50% of adjacent areas in Polk County mapped as Ordovician Jefferson City. It is also interesting to note that 216 (76%) Late Archaic bifaces made from Burlington chert had been heat-treated prior to

manufacture. On the other hand only 3 (7%) Jefferson City bifaces had been heat-treated. In all, 226 (63%) of the Late Archaic bifaces were produced from heat-treated chert.

Several biface types (Lander Corner Notched, Langtry and Waubesa) were made in both Middle and Late Woodland times (Woodland undifferentiated). Nine specimens (12.3%) were made from Jefferson City chert, 1 (1.4%) each from of Pierson, Reeds Spring and Keokuk cherts, 58 (79.4%) from Burlington chert and 3 (4.1%) from unknown types. Here again, Burlington cherts are dominant and seem to have been chosen in preference to Ordovician sources. Of bifaces made from Burlington chert, 75.9% had been thermally pre-treated.

Seventy-two bifaces relate to the Middle Woodland activities. Eight (11.1%) were made from Jefferson City chert, 2 (2.8%) from Pierson, 1 (1.4%) each from Reeds Spring and Elsey, 2 (2.8%) from Keokuk, 56 (77.7%) from Burlington and 2 (2.8%) from an unknown chert. As one can see, the percentage of Burlington used by Middle Woodland peoples is very close to that used by the undifferentiated Woodland. Forty-four (78.6%) of the 56 Middle Woodland bifaces made from Burlington cherts were thermally pretreated.

Forty-two bifaces reflect a Late Woodland activities. Of these 6 (14.3%) are made from Jefferson City chert, 2 (4.8%) from Pierson and 34 (80.9%) from Burlington chert. We found that 64.7% of the Late Woodland Burlington chert bifaces had been heat-treated before manufacture. Chert data from the Late Woodland compares favorably with the other Woodland categories.

One hundred twenty-eight bifaces, mostly arrow points, were characteristic of Mississippian activities. Of these, 32 (25%) were made from Jefferson City chert, 4 (3.1%) were from Reeds Spring chert, 6 (4.7%) were from Keokuk chert, 81 (63.3%) were flaked from Burlington chert, and 5 (3.9%) were from unknown cherts. With the exceptions of the 4 Reeds Spring examples and the 6 Keokuk specimens, which probably are from further south, the percentages of cherts used by Mississippian peoples probably closely approximate local availability. We should note that 12.4% of Late Archaic and Woodland bifaces were made from Jefferson City chert, while 25% of the Mississippian arrow points were produced from Jefferson City. In part this may represent the fact that unfractured high quality Jefferson City chert is usually found in smaller pieces than is usual for Burlington. However, if this were a factor, one wonders why the Late Woodland groups, who also made many arrow points, did not use more than 14.29% of Jefferson City chert. Regarding heat pre-treatment, only 3 (9.4%) Jefferson City chert points had been thermally pre-treated while 67.1% of the Burlington chert had been heat-treated before being made into finished tools.

There seems to be little doubt that lithic resource selection changes over time. Early Archaic data are too limited to suggest a trend. Middle Archaic occupants of the area seemed to slightly favor Burlington cherts which are greatly improved by heat-treatment. And about 47% of the Burlington examples were heat-treated. Late Archaic

peoples definitely selected Burlington cherts since almost 80% of the bifaces were of this product and about 76% of these were heat-treated before being reduced to a finished tool. This is a definite trend. Only about 12% of the specimens were made from Jefferson City chert. This trend continues throughout Woodland times with very similar percentages in the use of Burlington cherts and of thermal pre-treatment. However, during Mississippian times we see a sudden shift back to a greater use of Jefferson City cherts, although the incidence of heat-treatment of Burlington still stays high at 67%. While it is possible that climatic factors promoting deposition or removal of alluvial or colluvial deposits may have reduced or augmented the availability of certain cherts at different times, we have no data available to address this possibility. It seems most likely that cultural factors involving personal preference played a greater role than availability, but we do not have either ethnographic or archeologica! data from the immediate area that give clear examples of this.

CHANGES IN UPLAND ACTIVITIES?

The central question here is what do the upland sites tell us about the activities that took place there, and do these activities change through time? First, one must consider that the survey areas are biased environmentally because areas now inundated by Stockton Lake are no longer available for comparison with upland sites and the areas surveyed do not reflect the total upland variability present in the area. The fact that this was a surface survey means that some components may exist in a subsurface context at certain sites. This is particularly true of caves and shelters. In all probability the components recognized in surface collections from these shelters are not the only ones present, but without excavated data the buried components cannot be recognized.

Several types of sites were recognized in upland contexts. The most common seems to be hunting-foraging camps and judging from biface types recovered from these locations these relate to Archaic, Woodland and Mississippian activities. Both Middle and Late Archaic and Woodland hunting-foraging camps seem to be abundant, while Mississippian camps seem to be fewer in number. The fact that more Mississippian components were recognized in shelters and caves than in open settings may simply reflect the fact that they were the last occupants of these sites. A few locations (23DA313, 23DA449, 23CE336 and 23CE473) featured abundant debitage over large areas and 23DA313 yielded several probable Woodland bifaces. These sites probably were at least seasonal base camps and may have been used the year-around for short periods of time.

Other types of sites recorded in the uplands include lithic procurement areas. Five of these were recorded during the survey. Generally these sites are found on hilltops or hillsides and exhibit many decortication flakes and occasionally rough blanks or preforms. Since debitage and preforms are not diagnostic of cultural affiliation, we do not know which groups were active in the lithic extraction. There is no evidence that prehistoric peoples were digging pits or quarrying into bedrock, rather the data obtained suggest that exposed lithic materials were being gathered from talus slopes or broken from exposed

ledges. Mention is also be made of a petroglyph (23DA450) which features several linear design elements and small pitted areas. The antiquity of this site remains unknown.

We simply do not have enough data to determine whether changes in the occupation or use of these upland sites took place through time. Our data do not suggest changes, however a positive evaluation cannot be made until more data are available.

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GLOSSARY

Unmodified Chippable Stone. This is a raw material category and includes fragments of chert suitable for the manufacture of flaked stone tools that exhibit no evidence of modification. Specimens from which flakes have been removed are classified as cores or tested cobbles.

Tested Cobble. This is another raw material category that includes whole or nearly whole chert or quartzite cobbles that have no more than two flakes removed and that exhibit no further intentional modification. These are normally composed of poor grades of raw material.

Core. This is also a raw material category that includes cobbles or tabular pieces of good quality chert or quartzite from which more than two flakes have been removed and which show no modification for other uses. Cores recycled for use as hammerstones, choppers, etc. are classified under those categories.

Shatter. This category includes angular fragments of chert or quartize resulting from various reduction processes. Some shatter may be confused with cobble fragments and fire-cracked rock, however, most of the latter are readily recognized.

Primary Decortication Flake. This category includes unmodified flakes in which ninety percent or more of the dorsal surface is covered with cortex. These are byproducts of the initial stage of core preparation, core reduction and biface manufacture and are most likely to be found at quarry sites, workshop sites and base settlements. Specimens exhibiting use wear or intentional modification are classified as modified flakes.

Secondary Decortication Flake. This category includes unmodified flakes in which cortex covers less than ninety percent of the dorsal surface and that exhibit clear evidence of the removal of previous flakes. These are by-products of various stages of core preparation and biface manufacture and usually occur at quarry sites, workshop sites and base settlements. Flakes exhibiting cortex only on the striking platform are classified as interior flakes. Those exhibiting use wear or intentional modification are classified as modified flakes.

Preform. This category includes unstemmed bifacial artifacts and fragments thereof that do not appear to represent finished bifacial tools. Distinguishing characteristics include generally crude flaking (usually percussion) and a lack of use wear. Many occur as fragments that were broken during manufacture and discarded. These items represent the final stage of initial biface reduction, before being worked into finished tools.

Interior Flake. These flakes are normally produced during the latter stages of bifacial reduction. Distinguishing characteristics include a lack of cortex, steep platform angles, deep flake scars on the dorsal surface and a thick cross section. They may intergrade with some retouch flakes and may also be confused with decortication flakes struck from raw materials lacking cortex. Specimens exhibiting use wear or intentional modification are classified as modified flakes.

Retouch Flake. These flakes are produced during the final stages of bifacial reduction and tool sharpening or modification. Distinguishing characteristics include acute

platform angles, shallow and wide scars on the dorsal surface and a thin cross section. Some specimens may be difficult to distinguish from interior flakes. Those exhibiting use wear or intentional modification are classified as modified flakes.

Broken Flake. These are incomplete flakes that cannot be assigned to any other flake category with confidence. Most are small, thin fragments that are probably fragments of retouch flakes but lack a striking platform or other distinguishing attributes.

Biface. These are complete or fragmentary, unstemmed bifacial tools. Tip and midsection fragments of projectile points are normally included in this category but stemmed fragments are included in the projectile point category. Arrow point fragments are not included.

Dart Point. Any relatively large, symmetrical, bifacially worked artifact that has been modified for hafting, or any fragment that shows evidence of a hafting element is classified as a dart point. Tip and midsection fragments are normally assigned to the biface category.

Arrow Point. This category includes small, thin, symmetrical, pointed bifaces or any fragment thereof. A hafting element is often present but may be unobtrusive in some specimens.

Drill/Reamer. These specimens exhibit rotating wear on a pointed tip. We have classified long, thin, bifacially worked specimens as drills. These are probably reworked projectile points. Reamers include tools with a similar function that are made of fragments of chert or flakes that are not bifacially worked or modified for hafting.

Modified Flake. These are flakes that exhibit use wear or intentional modification for use as cutting or scraping tools. Working edges may be concave, straight or convex. Specimens exhibiting unifacial wear (shear chipping) are classified as flake scrapers while those exhibiting bifacial wear (wear chipping) are classified as flake knives.

Hammerstone. These are generally large chunks of chert or other hard stone that exhibit well defined zones of battering on prominent corners or edges. Some are rounded in appearance.

Flat Abrader. These are characterized by the presence of a flat or slightly convex areas on the face of a cobble on which the patination has been worn away and/or a greater degree of smoothness is present than is typical of the natural cobble surface. In the case of sandstone or quartzite close inspection will show that individual grains on the abraded surface are worn.

Edge-Ground Cobble. These tools are characterized by the presence of a well defined ground or abraded facet, shallow groove or wide indentation on the edge of a cobble. Some weathered cobbles may be mistaken for edge-ground cobbles but individual

Edge-Ground Cobble. These tools are characterized by the presence of a well defined ground or abraded facet, shallow groove or wide indentation on the edge of a cobble. Some weathered cobbles may be mistaken for edge-ground cobbles but individual grains should be worn and there should be a difference in the amount of patination when compared with the remainder of the cobble.

Grinding Basin. These tools exhibit a shallow, smooth basin on the face of a cobble or slab of stone. These are usually made of a coarse grained stone and used for plant food processing.

Pitted Cobble. These cobbles have one or more pits that are U or V-shaped in cross section. Those with V-shaped pits may have been used in bipolar flaking as hard anvils while U-shaped pits may have resulted from nut cracking.

PROJECT PARTICIPANTS

DON R. DICKSON participated in the fieldwork, analyzed and illustrated the artifacts and authored various sections of the report. Mr. Dickson received a B.S. in secondary education from the University of Arkansas in 1967. He is a recognized regional expert in the study of lithic use and procurement.

STEVEN M. IMHOFF directed the field work and wrote various portions of the report. Mr. Imhoff has 19 years experience as a professional archeologist and has conducted investigations in Arkansas, Louisiana, Missouri and Oklahoma. He received a B.S. in sociology from the University of Tulsa in 1974 and an M.A. in anthropology from the University of Arkansas in 1982. He is a member of the Society of Professional Archeologists.

TIMOTHY C. KLINGER served as principal investigator and authored various sections of the report. Mr. Klinger received an M.A. in anthropology from the University of Arkansas in 1977 and a J.D. from the University of Arkansas School of Law in 1982. He is a member of the Society of Professional Archeologists and is an attorney at law licensed by the State of Arkansas.

JAMES E. PRICE served as a regional consultant and reviewed the Wimmer ceramic collections for the study. Dr. Price received a Ph.D. in anthropology in 1973 and is affiliated with the University of Missouri, Southeast Missouri Field Station in Naylor, Missouri.

Site/Provenience	Artifact Description	Ct.	Wt(g)	Comments
	APPENDIX A. Artifacts coll	ected	by H	oward Wimmer
23CE436			4.5.00	
Surface - general	Projectile point/knife (Standlee) Bifacial knife (Langtry)	1	10.7 9.2	
23CE447 Surface + general	Unifacial and scraper	1	11.1	
· ·	Bifacial knife proximal (Red Ochre-like)	i	32.3	This is the base of a lanceolate biface.
23CE448 Surface - general	Bifacial knife (Kings Corner Notched var.)	1	6.2	Shorter stem than is usual on Kings Corner Notched. Similar to some Ensor points.
	Bifacial knife (Ellis-like)	1	6.6	Political Columns to both Care Political
	Bifacial knife	1	12.7	This lanceolate biface expands in width toward the center where it is broken. One ear is missing also. This may be a preform for a Sedalia or similar biface.
	Aborted preform	1	34.5	Probably abandoned because of poor quality raw material.
	Aborted preform proximal	1	13.7	Breakage late in reduction sequence due to
	Preform proximal	1	31.7	
	Preform distal	1	23.1	
210 1 62	Bifacial knife midsection	3	18.1	
23DA52 Surface - general	Dart point (Kings Corner Notched)	1	4.9	Probably a Terminal Archaic example. However similar bifaces continued into the Woodland periods.
	Bifacial side scraper proximal	1	6.5	A flake modified by unifacially beveling the left side of each blade and adding base sotches. Basal notching is suggestive of the Smith type. Probably Late Archaic.
	Arrow point (Scallorn)	1	0.5	Tiny bit of tip missing.
	Biface distal	1	1.6	Possibly broken before use.
23DA63	B - 1 - 4 1			
Surface - general	Durt point stem (Langury)	1	5.5	Broken immediately above the shoulders so function cannot be evaluated.
	Stemmed biface proximal (Rice Side Notched)	1	9.7	This specimen has been resharpened until all shoulders are gone. Only a slight indention indicates the notching. Not used after last resharpening. Tip missing and a chunk missing from one edge.
	Aborted preform	1	5.6	Aborted due to inability to remove central part at one end.
	Bifacial knife	1	24.9	This is an unhafted biface made probably from a twisted flake in that beveling carries to center of blade on right side of each face. Tool was apparently hand held.
	Bilacial knife midsection	1	7.8	
	Bifacial knife distal	1	1.4	
23DA83	Preform edge	4	64.1	
Surface - general 23DA85	Grit-tempered cord marked body sherd	1	11.3	Similar to Havana Cord Marked.
Surface - general	Dart point stem (Kings Corner Notched)	1	4.7	All damage probably caused by impact.
• • •	Arrow point	1	1.0	Side notches have been executed very low on sides giving an effect of short expanding stem. Base damaged but was probably straight or alightly incurved.
	Bifacial side scraper distal	1	5.4	The distal portion of a biface with a natural
	·			unchipped bevel on one left side and a flaked bevel on opposite left side. Distinct polish over whole surface due to handling during use.

Site/Provenience	Artifact Description	CL	Wt(g)	Comments
23DA330	Preform midsection	3	40.0	
Surface - general 23DA339	Bifacial knife distal	1	4.9	•
Surface - general	Dart point stein	1	2.0	Rounded tangs. Some grinding of notches and base. Probably Archaic but too
				fragmentary to say for sure.
	Bifacial losife midsection	1	9.4	
	Bifacial knife tip	1	5.7	Albania di dua da canana dandana di albania (a
	Aborted preform	1	60.0	Aborted due to coarse textured places in chert and narrow width.
	Dart point (White River)	1	5 .0	Thick bifacial beveling suggests resharpening; one potlid fracture.
23DA344				
Surface - general	Flat abrader	1	443.4	An elongated elliptical sandstone multer with one end missing. A shallow 2.3 cm wide pit on one face none on opposite. Evidence of pecking on sides which are rounded.
	Preform mid-ection	1	20.0	pocasa ou meso surve se vi se vi
23DA362				
Surface - general	Bifacial knife (Stone Square Stemmed)	1	17.2	One blade edge has been damaged and resharpened thus it is irregular. However original shape was excurvate. Some damage on one shoulder.
	Bifacial knife	1	1.9	
	Bifacial knife midsection	1	5.1	
	Flake scraper	1	4.3	Unifacially beveled on one edge. Pointed projections at each end used to perforate soft material.
23DA364	Preform midsection	4	32.6	
Surface - general 23DA365	Bifacial knife (Castroville)	1	15.7	One barb damaged.
Surface - general	Bifacial knife (Big Creek)	1	16.8	
	Bifacial knife	1	2.5	Originally barbed. Barbs and part of one
	The descript many (Enished 115a)	1	4.0	tang are missing.
	Dart point stem (Fairland-like)	1	4.0	Impact has removed the blade and fracture extends into hafting area on one side.
	Biface edge	1	3.0	One barb a bit of midsection and a small section of demaged blade margin.
	Bifacial knife distal	1	9.1	
	Bifacial knife midsection	1	2.4	
	Preform base	1	65.2	
	Bifacial knife proximal	1	21.4	
23DA366	Preform	5	31.5	
0.6	Bifacial knife (Smith)	1	36.2	
Surtace - general	Bilacial knife proximal (Marcos)	i	14.7	
	Bifacial knife (Marcos)	i	22.0	This long Marcos point features much edge damage and both barbs are missing.
	Bifacial knife proximal (Edgewood)	1	3.8	A fairly rare variant of the Edgewood type found throughout Southwest Missouri and Northwest Arkansas. Basal notches angle inward and the thinned base is concave or recurved. Tangs are sharp or slightly rounded and barbs long usually aligned with
	Projectile point/knife (White River)	1	8.8	the base. Almost all of the blade is missing.
	Bifacial knife (Rice Side Notched)	1	12.7	Extensive resharpening produced a slight beveling of the blade. Originally the biface would probably have been an example of the Steuben type.
	Bifacial knife (big Creek)	1	9.8	Resharpened so extensively that one shoulder
	Bifacial knife	1	5.8	is missing and the blade is very short.

Site/Provenience	Artifact Description	CL	Wt(g)	Comments
	Bifacial kaife proximal (Kings Corner Notched)	1	5.6	1.6 cm of blade margin is on one side; 0.7 on the other.
	Bifacial knife proximal (Calf Creek variant)	1	11.3	This biface is similar to the Calf Creck type except for the basal notch. Barbs were very long (now missing) and the blade is damaged with margin existing only on one side of the biface. Made from a large flake.
	Bifacial knife	1	8.2	This is an unnamed type midway in the continuum between Breckenridge and Rice Lobed. The base is deeply concave to recurved like Breckenridge but the stem edges are not alternately beveled. Serrations appear on this example but no blade edge beveling. One tang is damaged.
	Bifacial knife proximal (Stone Square Stemmed)	1	15.6	This originally was a very long example of the Late Archaic Stone Square Stemmed biface. The chert is a gray and white heat treated fossiliferous Burlington and superficially resembles Elsey.
	Dart point	1	3.4	One notch is strongly basal while the other is almost a corner notch. One barb is very long extending below the existing base while the other is shorter. Similarly shaped points have been found in Woodland contexts.
	Bifacial knife (Waubesa)	1	21.8	Sections of the blade edge are snapped off and some areas show crushing and some hinge fractures. No polith is apparent so the last use of the tool was probably not dismembering. Possibly used to pry something open (bivalve shells for example).
	Bifacial knife	1	16.3	This is a roughly elliptical biface with one strongly excurvate edge and one alightly excurvate one. It is made from an Ordovician Jefferson City quartzite. Resharpetting has produced strong beveling along one edge and slight beveling along the other. Very slight indentions near the base may indicate that it was hafted.
	Bifacial knife	1	20.9	This is a large biface with a very name we parallel stem.
	Stemmed biface proximal (Castroville)	1	14.7	This is a very thin segment of a Castroville type biface with tip and both barbs mic. Thinness suggests a cutting implement use polish is not apparent on blade mor, lit may have been broken before use.
	Bifacial knife (Rice Lobed?)	1	9.5	This seems to be a Rice Lobed point which has been resharpened so extensively as to remove all of the shoulders.
	Stemmed biface proximal (Martindale)	1	12.7	One edge is missing and the other is so battered that function cannot be evaluated. The tip and one barb are gone.
	Bifacial knife proximal	1	9.4	This side notched point is not like White River or Archaic bifaces. Workmanship is fairly crude. Left beveling apparently performed by percussion.
	Bifacial knife proximal (Ensor)	i	3.3	This seems to be a small Ensor point with one missing tang (the other is sharp and angular)missing barbs and missing tip. One blade edge is almost totally snapped away and the small part remaining of the other margin shows slight use rounding and some polish. A very thin biface.
	Biface edge	2	11.7	These two fragments of bifaces each contain a notch and a small section of either stem or blade margin.

le/Provenience	Artifact Description_	Çî.	Wt(g)	Comments
	Biface midsection	2	16.0	I'wo bilace fragments (not preform fragments) with no diagnostic features. On han two slight incurved areas the other has
	Bifacial kaife proximal	1	8.7	one. This clamaged biface has a missing tip missing barbs and most of the stem missing Only a small part of one side atill is intact. One blade edge is badly damaged while the other has some use rounding and polish on high points in a small undamaged area. Type unknown but probably either Fairlan or Martirdale (both Late Archaic types).
	Stemmed biface proximal	1	12.4	This is a fragment of an unusual biface wit low side notches next to a convex base. All of blade in gone but a tiny portion of one side and it incurves greatly due to unifacial resharpening. This possibly means it was a cutting tool but no other corroborating evidence is apparent. One sharp tang suggests Woodland affiliation.
	Biface stem	1	1.9	This is a fragment of a small and thin corne notched point. Both tangs are damaged on shoulder is missing and almost all of the blade is gone. Type or time period or function cannot be evaluated.
	Elface stees (Waubesa?)	1	6.3	Broken just above the shoulders. A great amount of battering is apparent on the stem edges particularly the base edge as if the ite were used as a small hammerstone to remove small flakes perhaps in retharpeaing. Not enough blade exists to evaluate original function.
	Hifacial knife distal	1	7.5	
	Bifacial knife distal	1	4.4	
	Bifacial knife	1	8.7	
	Bifacial knife midsection	1	5.9	
	Adize	1	91.5	This is a lairly crude adze with distinct hafting provision and thinned bit with some breakage of edge and slight use polish. Apparently the tool was used but little.
	Aborted preform	1	66.4	An early stage preform. One margin is naturally beveled and the other was bevele by percussion to aid reduction.
	Preform	1	17.9	This is a small leaf-shaped preform made from a large flake hence the thinness. A small section of beveled striking platferm still present on one edge.
	Aborted preform	1	31.6	This is a small and thick preform apparentl aborted early due to a flaw in the stone.
	Preform	1	5.3	This is a most informative preform for eithe a small dart point or an arrow point. A flat has been roughly percussion flaked. Then starting at the tip the specimen has been carefully pressure flaked about 2.3 cm toward the base. For an unknown reason flaking ceased here. The final product would have been quite thin. Probably Woodland or post Woodland no way to be sure.

Artifacts collected by Howard W	Wimmer
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	Artifacts collected l	y Hov		
ite/Provenience	Artifact Description	Cı.	Wt(g)	Comments
	Unstemmed biface base	1	26.1	This is the base of a thin and large triangulabiface. Remaining edges are severely damaged by anapping (possibly by trampular by farm machinery). Function cannot be evaluated; however this form often served a cutting implement (probably hand held), is possible but unlikely that this represents a late stage preform.
	Unstemmed biface base	1	22.9	This is a base fragment of a fairly thin unnotched biface with all margins damaged. The base may have been excurvate.
	Preform base	1	27.0	This is the base portion of a preform with uneven edges due to percussion flaking. Reason for breakage unknown.
	Preform proximal	1	28.2	This is the base of an advanced preform showing some edge abrading along margin Reason for breakage not clear.
	Mussel shell	4	41.0	Four fragments of mussel shell with exfoliated surfaces, no use wear noted. Possibly represent food selection.
	Preform	56	829.5	These are small badly damaged and undiagnostic probable preform fragments. 34 are obviously heat treated and 22 seem be of raw chert.
	Bifacial knife stem	1	2.8	This is a fairly rare but widely distributed unnamed biface form. Basal notches are executed at an angle to form a very short expanding stem with concave or recurved base. Massive barbs aligu with base. One shoulder and most of blade is missing.
	Bifscial knife	1	2.2	This is a small and very thin cutting implement. Narrow corner sotches have been executed to form a short expanding stem. One corner of stem is missing so wit shown above is "as is." It was once wider.
	Bifacial kuife	1	18.5	This is a lanceolate biface with shallow sid notches and convex base. One base corner has been broken away. The left margin on each face has been steeply beveled by resharpening. Basally thinned and apparently hafted. Beveling suggests Early Archaic but no way to be sure.
	Preform base	1	33.7	This is a base fragment from a large fairly thin late stage preform with no evidence of use. A concave area has been broken from one side unifacially but no use wear in this area. Possibly this biface was broken during reduction or accidentally before it was used.
	Bifacia) knife distal	1	6.0	3.7 cm of margin remains on one side and 2.0 cm on the other.
	Bifacial .ni e distal	1	7.6	
	Preform	10	111.1	This is a lot of 10 und agnostic biface fragments probably pieces of preforms broken in reduction. No use indications noted on any of them.
	Hematite	1	47.4	This is an unmodified fragment of bematite Slight polish on portions of surface may be natural (possibly the specimen was found it is stream bod). Could have been intended a a source of pigment or possibly could have been intended to be worked into a decorate item. Cultural affiliation unknown.

Site/Provenience	Artifact Description	Cı.	WI(g)	Comments
23DA367	Grinding basin	1	9999.9	This milling basin was used on one side until a cavity in the center of the stone was reached (into which meal would enter). Then the stone was turned over and the opposite side used. The specimen could be either Woodland or Mississippian. The weight is actually well in excess of that actually measured.
Surface - general	Dart point	1	3.7	A small dart point made from heat treated
Danies - Benefal	22. p.m.	•	5.7	Burlington chert. Side notching executed low near convex base. One tang missing and slight up damage.
	Dart point stem (Stone Square Stemmed)	1	8.8	Distinct impact fracture on one face tip gone and one shoulder missing.
	Bifacial knife distal	1	12.3	
23DA368	Preform midsection	5	95.2	
Surface - general	Bifacial knife proximal (Lander Comer Notched)	1	13.3	
	Knife/scraper proximal (Stone Corner Notched)	1	18.3	Biface is snapped 3 cm above shoulder on one side. The opposite shoulder barb and blade edge are missing.
	Knife/scraper 1	10.0	A rare possibly unique specimen with short squared stem one barbed and one squared shoulder and a side notch located immediately above each shoulder. Unlike the Evans point in stem morphology. Use rounding and polish suggest working of wood and the remaining part of one margin is unifacially beveled. This plus rounding and polish suggests acraping of wood.	
	Bifacial knife proximal (Big Creek?)	1	10.0	This is a probable Big Creek point with distal portion one shoulder or barb missing and a central portion of the base snapped away (leaving both tangs intact).
	Bifacial knife proximal (Kings Corner Notched)	1	4.6	snapped 1.7 cm above the shoulder.
	Dart point stem (Stone Corner Notched?)	1	8.2	This is a badly damaged expanding stemmed point probably of Stone Corner Notched type. Impact fracture has removed most of blade and blade margins and extends into the hafting area on one side. Part of base also snapped off.
	Dart point stem (State Corner Notched)	1	7.5	An expanding stem with one shoulder and tiny fragment of blade edge. Apparently broken by impact.
	Dart point stem (Stone Corner Notched)	1	7.8	This is a Stone Corner notched base with one shoulder missing due to impact fracture. Broken just above shoulders. Base is very slightly convex not as bulbous as Big Crock bases. Chert is an unrecognized yellow and
	Projectile point/mife stem (Stone Square Stemmed)	1	9.6	gray mottled material. This Stone Square Stemmed point features impact fracture on one face. However the small amount of blade margin on one side shows light use wear suggesting a secondary function as a cutting tool.
	Bilace sಟಪ (Stone Square Stemmed?)	1	3.9	A stem fragment consisting of one side and part of base and one shoulder. Broken immediately above shoulder and one side of stem is missing.

Bif-cial end acraper proximal (Table Rock Stemmed) Knife/acraper midsection	1	3.2	This small Table Rock point has been broken and reworked bifactally into a scraper. Much use rounding and polish on distal edge. This is a stemmed biface with the tip
Knife/acraper midsoction	1	21.2	This is a stemmed biface with the tip
			missing. The stom probably squared has been snapped just below the shoulders. Much edge crushing particularly unifacial can be seen on each blade edge along with little polish. This suggests cutting and scraping of a very hard material probably hone or antier. Working of this hard material has removed evidence of any other use (if any took place). This could be part of a broken Smith point but not enough of the stem is present to be sure.
Bifa 2 stem (Big Creek?)	1	4.8	This fragment consists of one bare and one side of a stem (probably expanding).
Bifacial knife base	1	5.6	This is the base part of a small fairly thin preform which was used as cutting tool. Probably hand held not hafted.
Bifacial drill midsection	1	3.1	
Bifacial knife distai	1	12.1	
Bifacial knife distal	1	14.6	
Knife/scraper	1	11.5	This is a small preform with a damaged base. Part of one edge has been used to cut soft material probably meat. The rest of that edge (near base) and part of the opposite edge (near tip) has been unifacially bevelet; and used to scrape (probably wet skins).
Bifacial knife distal	1	7.4	,
Bifacial knife distal	1	4.9	
Bifacir I krufe distal	1	4.3	
Bifaci il knife distal	1	4.5	
Flake knife	1	11.4	This is a true blade with two longitudinal arrises and much use polish and some edge crushing on margins. The microbres tage probably resulted from hone contact but could have resulted from wood working too.
Aboru d preform	13	226.4	Tairteen preform edge base and distal fragments. Most have some edge abrasion and most seem to have been broken during reduction. One fragment is from black and gray banded Jeffer-on City chert.
Bilaciai knife (Stone Square Stemmed)	1	24.3	•
Bifacial knife (Kings Corner Notched)	1	6.5	
Stemmed biface proximal	1	12.6	This biface has beavy stem grinding. Some Woodland contracting stem bifaces do and the Early Archaic Hidden Valley has well ground atems. The Hidden Valley has fine pressure edge treatment often with serrations which the Woodland bifaces do not have. However the edges on this specimen are too damaged to evaluate.
Bifacial knife midsection	1	7.6	Fine almost parallel pressure flaking suggests an Early Archaic affiliation But the base portion is missing.
Bifacial knife distal	1	16.3	-
Preform proximal	1	17.4	
Bifacial drill	1	1.6	A sleader and sharp perforator of chert with some polish out ip. A rectangular halting area at proximal end has edge grinding.
23DA369 Surface - general Stemmed biface proximal (Gibso 1-like)	1	14.2	

Site/Provenience	Artifact Description	Cr_	Wt(g)	Comments
	Dart point stem (Fairland variant)	1	5.1	This is a thin slightly expanding stemmed dart point with impact fracture and damage to both edges and barbs. Most Fairland
	Dart point stem (Kings Corner Notched)	1	4.8	points have more concave bases. This is a small probably much resharpened example of Kings Corner Notched. Originally it may have been used as a cutting
				tool but after last resharpening it was not used in this way. Tip breakage was probably by impact.
	Arrow point stem (Sequoyah)	1	0.8	This is a good example of the Sallisaw type with serrated blade edges. Made from Reeds Spring chert a variety found in McDonald County Mo. and further south in Arkansas and Oklehoma.
	Aborted preform proximal	1	1.7	
	Flake scraper	1	4.7	A short parallel sided flake has a light unifacial retouch on one margin.
61D / 2E/	Arrow point (Sallisaw)	1	0.9	-
23DA370 Surface - general	Bifacial knife proximal (Stone Square Stemmed)	1	18.3	Blade snapped 3 cm above shoulders.
	Bifacial knife proximal (Stone Square Stemmed)	1	19.4	
	Projectile point/knife proximal (Table Rock Stemmed)	1	8.2	Table Rock point broken 1.9 cm above shoulders. One abouter missing possibly due to impact fracture possibly due to arduous dismembering activity. Much use wear and polish on existing blade margin.
	Bifacial knife proximal (Lander Corner Notched)	1	13.9	Biface snapped 2.4 cm above shoulders and one shoulder missing. Some damage to one side of stem.
	Bifacial knife proximal (Rice Side Notched)	1	12.0	Thin biface mapped 3.2 cm above shallow wide notches. Both tangs damaged.
	Bifacial knife proximal (Standlee)	1	13.4	Biface snapped about 2.2 cm above shoulders. Standlee type starts in Terminal Archaic but is most common in Woodland times.
	Bifacial knife proximal (Standlee)	1	10.3	Sloping break starting 2.8 cm above shoulders on one side and sloping to 1.2 cm above other shoulder.
	Bifacial knife midsection	1	7.9	Hafted biface snapped 2.4 cm above shoulders and just below shoulders. Probably expanding stemmed. Type unknown; possibly Late Archaic.
	Bifacial knife distal	1	8.0	station at positivy that recently
	Bilacial knife midsection	1	13.9	
	Bifacial knife midsection	ī	7.2	
	Bifacial knife tip	1	4.9	
	Bifacial knife	1	21.0	This is a small heat treated collite pebble which has been bifacially flaked to a sharp edge on base part. Cortex still appears at opposite end where thickness is greatest.
	Biface midsection	2	3.0	-hhammann annin mirement to Bresger
***	Preform	7	74.3	
23DA371 Surface - general	Bifacial knife proximal	1	13.0	This is an unusual type featuring narrow base notches massive barbs and a very wide thin blade. Notches are too narrow and the stem too expanding to fit into the Ouachita type and the stem is too short and barbs too rounded to reversent the Smith type. Thinness at an abd blade suggests
	Bifacial knife proximal	1	10.3	Woodland. Compare with 1-2. Same type as 1-1 but notches shallower.

Site/Provenience	Artifacts collected by Artifact Description	Ct.	Wt(g)	Comments
711071000000	TO GRAND CONTRACTOR OF THE PROPERTY OF THE PRO		*****	00,000,00
	Bifacial knife (Langtry)	1	15.9	
	Bifacial knife proximal (Stone Corner	1	16.6	
	Notched)	•		
	Projectile polat/knife stem (Stone Square	1	6.8	
	Stemmed-like)	_	•	
	Projectile point/knife stem (Kings Corner	1	3.4	
	Notched)	_		
	Dart point stem (Langtry)	1	12.6	
	Dart point stem (Langtry)	1	8.5	
	Bifacial knife proximal (Call Creek variant)	ĩ	8.8	
	Stemmed biface proximal (Big Creek)	1	11.9	
	Bifacial knife (Kings Corner Notched)	1	13.4	Unusually thick and crude because the che
		-		was difficult to work.
	Bifacial knife proximal (Stone Square	1	5.5	
	Stemmed var.)	_		
	Bifacial knife proximal (Marshall-like)	1	7.6	Broken horizontally and vertically.
	Bifacial end scraper	1	7.3	A broken unrecognized side notched point
	•			has been reworked into scraper by unifacia
				percussion work. Scraping edge stants.
				Type differs from White River in that area
				below notched is rounded
	Bifacial knife	1	9.7	
	Biface stem (Langtry?)	1	4.0	
	Biface stem (Big Creek?)	5	22.2	Five bilace fragments which consist of a
	` - /			notch and stem fragment. Blades are missi
	Bifacial knife midection	10	60.8	
	Stemmed biface proximal	1	1.9	
	Bifacial knife midection	3	26.1	
	Preform midnection	11	197.4	
	Unstemmed biface proximal	1	24.0	
	Preform base	1	20.8	
	Preform base	1	21.0	
	Adze distal	1	11.9	This adze bit features much use polish and
				made from a yellowish chert with wide
				texture range. Similar to some Kansas
				cherts.
	Adze fragment proximal	1	15.5	
	Adze [ragment proximal	1	29.3	Adzes of this shape were found in the Mide
				Woodland at the Albertson site (3BE174;
				Dickson 1991:118).
	Flat abrader	1	238.8	This is a small loaf-shaped or elliptical ma
				with a flattened oval cross section of
				sandstope.
	Bifacial knife (Snyders)	1	23.2	
	Bifacial knife (Snyders)	1	13.6	Made from a heat treated and very
				fossiliferous brown and tan non-local stone
	Bifacial knife (Snyders)	1	16.9	
	Bifacial knife proximal (Snyders)	1	22.2	This large biface has one unifacially bevelo
				edge that has not been completely reduced.
				Apparently broken in manufacture.
			9.4	One barb tangs and tip missing. Pollid
	Bifacial knife proximal (Snyders)	1		
	Bifacial knife proximal (Snyders)	1		
	Bifacial knife proximal (Snyders)	1		
	Bifacial knife proximal (Snyders) Bifacial knife proximal (Snyders)	1	12.6	fractures present indicating exposure to ber
	. , , ,			fractures present indicating exposure to ber
	Bifacial knife proximal (Snyders)	1	12.6	fractures present indicating exposure to ber
	Bifacial knife proximal (Snyders) Preform midsection	1 74	12.6 1227.5	fractures present indicating exposure to ber
	Bifacial knife proximal (Snyders) Preform midsection Preform midsection	1 74 6	12.6 1227.5 405.1	fractures present indicating exposure to ber
	Bifacial knife proximal (Snyders) Preform midsection Preform midsection Bifacial knife (Snyders preform?)	1 74 6 1	12.6 1227.5 405.1 60.3 86.8	fractures present indicating exposure to ber
	Bifacial knife proximal (Snyders) Preform midsection Preform midsection Bifacial knife (Snyders preform?) Adze	1 74 6 1	12.6 1227.5 405.1 60.3 86.8 195.4	fractures present indicating exposure to ber
	Bifacial knife proximal (Snyders) Preform midsection Preform midsection Bifacial knife (Snyders preform?) Adze Tested cobble	1 74 6 1 1	12.6 1227.5 405.1 60.3 86.8	fractures present indicating exposure to ber

Site/Provenience	Artifact Description	СL	Wt(g)	Comments
وطورت فلكنوه فطعه الجاء				
	Bifacial knife tip	1	15.5	This broad hisace tip has extreme use rounding and crushing all along margins. Polish and rounding suggest that a hard and gritty substance was being cut. Comparable wear produced on experimental specimens cutting moderately soft stone such as tripoli or claystone.
	Bifacial knife	1	11.7	The lohed base suggests the Rice type but there is no beveling or serrating. There is some similarity to the Jakie type but the latter usually has a more concave base. Comparable specimens were found in Middle Archaic levels at the Pohly site (34MY54) in Mayes County Oklahoma (Ray).
	Bifacial knife proximal	1	7.6	
	Bifacial knife proximal	1	12.4	
	Bifacial knife proximal (Snyders-like)	1	5.1	Tangs are more rounded and notches slightly narrower than in typical Snyders bifaces.
	B facial knife (Snyders)	1	6.4	,
	Bifacial knife (Steuben)	1	9.1	
	Knife/scraper (Stone Corner Notched)	1	12.7	
	Bifacial knife proximal (Langury)	1	10.7	Unrecognized chert is a tan and light gray material with dark gray inclusions.
	Bifacial knife proximal (Langtry)	1	6.6	• ,
	Bifacial knife proximal (Dickson)	1	6.9	
	Bilacial knife proximal (Dickson)	1	7.2	
	Bifacial knife (Standlee)	1	8.0	
	Bilacial knife (Standlee)	1	12.3	
	Bifacial knife proximal (Standlee)	1	11.2	
	Projectile point/knife (Langtry)	1	7.3	
	Bifacial knife (Langtry)	1	9.4	
	Dart point (Langtry)	1	8.3	
	Bifacial knife (Standlee-like)	1	13.5	Resembles Standlee except for shorter stem.
	Bifacial knife (Gary)	1	8.5	
	Projectile point/knife (Stone Corner Notched)	1	23.5	
	Bifacial knife proximal (Stone Corner Notched)	1	4.7	
	Stemmed biface proximal	1	8.2	Specimen badly heat damaged with potlid fractures on both faces.
	Bifacial knife proximal	1	10.3	Heat damaged: part of stem and one edge gone.
	Projectile point/knife	1	5.9	
	Projectile point/knife proximal	1	6.6	
	Bifacial knife	1	12.8	
	Bifacial knife proximal	1	5.8	
	Bifacial knife proximal	1	4.7	
	Stemmed biface proximal	1	2.9	
	Bifacial knife miduection	1	8.2	
	Bifacial knife proximal (Snyders?)	1	11.2	Severe crushing on one existing margin.
	Dart point	1	10.8	
	Bifacial knife proximal (Steuben)	1	6.4	
	Projectile point/knife proximal (Steuben) Bifacial knife	1	7.2	
		1	10.0	
	Bifacial knife Stemmed biface proximal (Rice Side Notched)	1	13.2 4.3	
			2.	
	Biface stem (Table Rock Variant) Biface edge	1	2.5 16.8	Three notches with accompanying tiny
	Amount maint (Klunk Clds March 3)		• •	fragments of blade or stem.
	Arrow point (Klunk Side Notched) Bifacial knife midsection	1	1.0	
	Dart point miduection	2	21.1	
	o-e-, primi minemonioù	2	11.7	

Site/Provenience	Artifacts collected b	Cr.	Wt(g)	Comments
	Bifacial knife proximal	1	6.0	Broken lengthwise: one blade edge and stem
	Bifacial side acraper midsection	1	4,9	edge minsing. A biface broken lengthwise and with missing
	Directed and actispes and activo	•	4.7	stem has a concave area unifacially worked
				into remaining edge. Crushing with polish
				on high points only indicates hard substance
				being worked. Earlier use wear obliterated.
	Bifacial drill	1	4.2	A small probable arrow point preform with
				left side of each face bevelod to aid reduction
				had one corner broken away. Specimen their
				used as perforator.
	Bifacial drill midsection	1	2.1	
	Bifacial drill base	1	9.4	This is an oval drill base with one side
				damaged. Perforating tip broken off 3 cm
				above base.
	Dart point stem (Hanna?)	1	7.5	
	Knife/scraper flake tool	1	18.0	
	Bifacial side scraper	1	8.7	Made from a standard bifore analysmal
	Bifacial end scraper Preform proximal	1 1	6.8 19.3	Made from a stemmed biface proximal.
	Bifacial knife proximal	i	25.8	Broken during reduction due to chalky place
	Directal antic proximal	•	٥. ده	in chert.
	Preform proximal	1	14.2	in cacin
	Preform proximal	ī	4.2	
	Preform proximal	ī	19.9	
	Core scraper	1	55.9	
	Flake scraper	1	34.5	
	Bifacial side scraper proximal	1	39.8	
	Scraper bifacial proximal	1	27.7	
	Bifacial and acrape:	1	27.6	This clongated piece of bifacially worked
				chert possibly a modified preform fragment
				shows bright use polish at one end (which
	TOTAL LATE SECURE A PROCESSION ASSESSMENT			has been unifacially beveled).
	Bifacial knife (Lander Corner Notched)	1	16.8	
	Bifacial knife (Lander Corner Notched)	1	24.3	
	Bifacial knife (Lander Corner Notched) Bifacial knife (Lander Corner Notched)	1 1	14.6 10.1	
	Bifacial knife proximal (Snyders)	1	11.1	One mome of the banks tin has been
	Directal aime proximal (Stryders)		11.1	One corner of the broken tip has been beveled by percussion to form a diagonal
				cutting edge which has been resharpened
				several times by percussion. A burin-like
				chisel edge has much use rounding and
				polish suggesting cutting a hard material
				such as bone or antier. Whether this is
				"reinvention" of a Paleo-Early Middle
				Archaic tool type to fulfill a specific need or
				something else is unknown. Rare Late
				Middle Woodland tool.
	Bifacial knife (Big Creek)	1	10.6	
	Stemmed biface proximal (Big Creek)	1	4.2	
	Dart point stem (Big Creek-like)	1	7.9	
	Bifacial knife proximal (Grand)	1	6.8	
	Bifacial knife (Rice Side Notched)	1	18.8	
	Bifacial knife (Rice Side Notched-like)	1	8.9	This biface has been resharpened so
				extensively that no shoulders exist at all.
				Original shape indeterminate: could have
	Different Laboratory on the State of the Sta	_		Steuben Snyders Lander etc.
	Bifacial knife (Standlee)	1	11.4	
	The state of the s		A -	
	Dart point stem (Langtry)	1	8.5	
	The state of the s	1 1 1	8.5 6.4 7.3	

Bifacial baife proximal (Table Rock Pointed 1 8.7) Semmed biface proximal (Table Rock Pointed 1 8.7) Semmed biface proximal 1 4.9 Bifacial baife proximal 1 4.9 Stemmed biface proximal 1 4.9 Bifacial baife proximal (Table Rock Pointed 1 9.8) Stemmed biface 1 9.8 Stemmed biface 1 9.8 Durt point stem (Stobe Corner Notebed) 1 9.1 Stemmed biface proximal 1 9.1 Arrow point (Stobe Corner Notebed) 1 9.1 Stemmed biface proximal 1 1.5 Arrow point (Stobe Corner Notebed) 1 9.1 Stemmed biface proximal 1 1.5 Arrow point (Stobe Corner Notebed) 1 9.1 Stemmed biface proximal 1 1.5 Preform proximal 1 1.5 Preform proximal 1 1.5 Arrow point (Stobe Corner Notebed) 1 9.1 Stemmed biface proximal 1 17.9 Corne 1 1 12.8 Flake scraper 1 2.5.3 Flake scraper 1 2.5.3 Flake scraper 1 1 2.5.3 At bick clougsted bide-tike flake has been proximal 1 17.9 Corne 1 1 86.6 Adre 1 78.2 Flake scraper 1 1 17.9 Corne 1 1 86.6 Adre 1 78.2 Flake scraper 1 1 17.9 Corne 1 1 86.6 Adre 1 78.2 Flake scraper 1 1 17.9 Corne 1 1 86.6 Adre 1 78.2 Flake scraper 1 1 17.9 Corne 1 1 86.6 Adre 1 78.2 Flake scraper 1 1 18.4 Flake scraper 1 1 18.4 Flake scraper 1 1 18.4 At bick clougsted bide-tike flake has been proximal 1 17.9 Corne 1 1 86.6 Adre 1 78.2 A large and bick	Site/Provenience	Artifact Description	Cr	Wt(g)	Comments
Blade broken just above shoulders and base of long parallel sided stem is gone. As four the stem is 2.7 cm long and 1.5 cm wide well to grow the stem is 2.7 cm long and 1.5 cm wide beautiful to make year. As four the stem is 2.7 cm long and 1.5 cm wide well to year. Stemmed biface Stemmed biface Stemmed biface Stemmed biface Darr point stem (Stobe Corner Notzbed) Darr point stem (Stobe Corner Notzbed) Stemmed biface proximal (Stobe Corner Notzbed) Stemmed biface bi		Stemmed biface (Waubesa)	1	7.3	
Stemmed biface proximal Stemmed biface Dart point stem (Stobe Corner Notched) Stemmed biface proximal (Stone Corner Notched) Stemmed biface proximal (Stone Corner Notched) Stemmed biface proximal (Stone Corner Notched) Biface edge Stemmed biface proximal (Stone Corner Notched) Biface adge Stemmed biface proximal (Stone Corner Notched) Stemmed biface proximal (Stone Rosen proximal (Stone Proform proximal (Stone Rosen proximal Proform proximal (Stone Rosen proximal Proform proximal (Stone Rosen proximal Proform proximal (Stone			1	8.7	
Durt point stem (Stobe Corner Notched) Durt point stem (Stobe Corner Notched) Stemmed biface proximal (Stobe Corner 1 7.4 Notched?) Biface edge 5 20.4 Biface dige 5 20.4 Filefacial kaife midsection 9 70.3 Preform midsection 1 1 0.3 Arrow point 1 1 0.3 Arrow point 1 1 1.5 Arrow point (Scallorn) 1 1 1.5 Arrow point (Scallorn) 1 1 1.3 Bifacial end scraper 1 1 2.8 Flake scraper 1 1 2.8 Flake scraper 1 2 2.5 Flake scraper 1 2 2.5 Preform proximal 1 5 1.6 Adze 1 7 76.2 Flak strader 1 9 937.0 Freform proximal 1 17.9 Core 1 86.6 Adze 1 7 76.2 Preform proximal 1 17.9 Flake scraper 1 937.0 Freform proximal 1 17.9 Core 1 86.6 Adze 1 7 76.2 Preform proximal 1 17.9 Core 1 86.6 Adze 1 7 76.2 Preform proximal 1 27.1 Preform proximal 1 37.0 Preform proximal 1 66.5		,	1	4.9	Possibly the original form resembled the
Stemmed biface proximal (Stone Corner Notched?) Biface edge 5 29.4 Bifacial knife midesction 9 79.3 Preform midesction 5 175.5 Projectile point/knife (White River) 1 9.3 Arrow point 5 2.6 Arrow point 1 1.5 Arrow point 1 1.5 Arrow point 1 1.5 Arrow point (Scallorn) 1 1.3 Bifacial end scraper 1 22.8 Flake scraper 1 1 22.8 Flake scraper 1 1 22.8 Flake scraper 1 2.8 Flake scraper 1 2.8 Flake scraper 1 3.4 Preform proximal 1 51.6 Preform proximal 1 51.6 Preform proximal 1 71.9 Core 1 86.6 Adtze 1 937.0 Preform proximal 1 19.3 Preform proximal 1 27.1 Preform proximal 1 37.0 Preform proximal 1 37.0 Preform proximal 1 27.1 Preform proximal 1 27.1 Preform proximal 1 37.0					Decatur type) but probably accidental one missing barb and missing tip. Biface has been pressure resharpened unifacially and then not used after this apparently. Probably
Notched?) Biface edge 5 20.4 Biface edge 7 79.3 Preform midenction 9 79.3 Preform midenction 5 175.5 Projectile point/knife (White River) 1 2.3 Arrow point 1 2.6 Comparable arrow points were found in Early Mississippi context by Dickson (1991:144-145) at Albertson site (3BE174) The point also membles the Koster type a Late Woodland arrow point (Perino 1985:211) except it is completely flaked. Most Koster points have part of original Plake surfaces showing. Arrow point 1 1.3 Bifacial end scraper 1 4.2 Flake scraper 1 1.2.8 Flake scraper 1 4.6.7 Flake scraper 1 4.6.7 Flake scraper 1 4.6.7 Flake scraper 1 4.6.7 Flake scraper 1 3.1.4 Flake scraper 1 3.1.4 Freform proximal 1 51.6 Preform proximal 1 51.6 Preform proximal 1 51.6 Preform proximal 1 51.6 Preform proximal 1 1.7 Flake scraper 1 8.6.6 Adze 1 76.2 Flake has been modified slightly at the thin flake has been modified slightly at the thin ard sharp end at dused as edge. Flake has been modified slightly at the thin flake has been modified slightly at the thin ard sharp end at dused as edge. Flai: abrader 1 937.0 Freform proximal 1 51.6 Preform proximal 1 51.6 Preform proximal 1 76.2 Flai: abrader 1 937.0 Freform proximal 1 27.1 Preform proximal 1 27.1 Preform proximal 1 37.0 Freform proximal 1 37.0					
Bifacial kaife mideaction 9 79.3 Preform mideaction 5 175.5 Projectile point/kaife (White River) 1 9.3 Arrow point 2.6 Arrow point 2.6 Arrow point 1 1.5 Arrow point 1 1.5 Arrow point 1 1.3 Bifacial end scraper 1 1.3 Bifacial end scraper 1 1.2.8 Flake scraper 1 2.5.3 Flake scraper 1 2.5.3 Flake scraper 1 2.5.3 Flake scraper 1 3.4.6 Flake scraper 3.5 Flake scraper 3.6 Flake			1	7.4	
Preform midsection 5 175.5 Projectile point/buile (White River) 1 0.3 Arrow point 1 2.6 Reproper 2.6 Arrow point 1 2.6 Arrow point 1 1.5 Arrow point 1 1.3 Bitacial end scraper 1 42.0 Flake scraper 1 46.7 Flake scraper 1 46.7 Flake scraper 1 46.7 Flake scraper 1 46.7 Flake scraper 1 25.3 Preform proximal 1 51.6 Preform proximal 2 37.0 Flat abrader 2 93.0 Preform proximal 2 37.0 Flat abrader 2 37.0 Preform proximal 3 37.0 Preform proximal 1 37.0 Preform proximal 3 37.0 Preform proximal 3 37.0 Preform pr		Biface edge	5	29.4	Five fragments each containing a notch and small fragment of stem or shoulder.
Projectile point/faulfe (White River) Arrow point 1 2.6 Comparable arrow points were found in Early Mississippi context by Dickson (1901:144-145) at Albertson site (3BE174) The point also are sembles the Koster type a Late Woodland arrow point (Perino 1985:211) except it is completely flaked. Most Koster points have part of original flake auriaces showing. Arrow point 1 1.5 Arrow point 2 1.3 Bitacial end scraper 1 42.0 Arrow point 5 2.5 Arrow point 6 2.5 Arrow point 1 1.3 Bitacial end scraper 1 42.0 Flake scraper 1 42.0 Flake scraper 1 12.8 Flake scraper 1 2.5 Flake scraper 2 2.5 Flake scraper 3 2					
Arrow point 1					
Early Mississippi context by Dickson (1991:144-145) at Albertson site (3BE174) The point sko resembles the Koster type a Late Woodland arrow point (Perino 1985:211) except it is completely flaked. Most Koster points have part of original flake surfaces showing. Arrow point 1 1.5 Arrow point (Scallorn) 1 1.3 Bitacial end scraper 1 42.0 Arrowate biface has one end unifacially bewelved to serve as craper. Has only been used briefly since last resharpeting. Some polish on other edges indicates cutting a sof material. Flake scraper 1 12.8 Flake scraper 1 46.7 A thick elongated flake has one end unifacially worked into scraping edge. Flake scraper 1 25.3 A thick elongated flake has one end unifacially worked at one end and along be edges. Use polish is apparent at 25X. Preform 1 31.4 Preform proximal 1 57.0 Elongated leaf-shaped preform with one sid and part of tip gone. Preform proximal 1 17.9 Core 1 86.6 Preform proximal 1 27.1 Flat strader 1 937.0 Elongated leaf-shaped preform with one sid and part of tip gone. Plat strader 1 937.0 Elongated leaf-shaped preform with one sid and part of tip gone. Elongated leaf-shaped preform with one sid and part of tip gone. Plat strader 1 937.0 Elongated leaf-shaped preform with one sid and part of tip gone. Elongated leaf-shaped preform with one sid and part of tip gone. Elongated leaf-shaped preform with one sid and part of tip gone. Elongated leaf-shaped preform with one sid and part of tip gone. Elongated leaf-shaped preform with one sid and part of tip gone. Elongated leaf-shaped preform with one sid and part of tip gone. Elongated leaf-shaped preform with one sid and part of tip gone. Elongated leaf-shaped preform with one sid and part of tip gone. Elongated leaf-shaped preform with one sid and part of tip gone.		• •			
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Bitacial end scraper 1 42.0 Ar. ovate biface has one end unifacially beveled to serve as scraper. Has only been used briefly since last resharpening. Some polish on other edges indicates cutting a sof material. Flake scraper 1 12.8 Plake scraper 1 46.7 A thick elongated flake has one end unifacially worked into scraping edge. Flake scraper 1 25.3 A thick elongated blade-like flake has been unifacially worked at one end and along both edges. Use polish is apparent at 25X. Preform 1 31.4 Preform proximal 1 57.0 Elongated leaf-shaped preform with one side and part of tip gone. Preform proximal 1 17.9 Core 1 86.6 Adize 1 76.2 A large and thick (at one end) wedge, shaped flake has been modified slightly at the thin ard sharp end tad used as adize. Flat abrader 1 937.0 Elongated elliptical mano with 2 slightly convex grinding surfaces and rounded edges Made of hard light tan sundstone. 23DA372 Preform proximal 1 27.1 Preform proximal 1 37.0 Preform proximal 1 16.5		· · · · · · · · · · · · · · · · · · ·			
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Preform proximal		Flake scraper	1	25.3	A thick elongated blade-like flake has been unifacially worked at one end and along both
Preform proximal 1 51.6 Preform proximal 1 17.9 Core 1 86.6 Adze 1 76.2 A large and thick (at one end) wedge shaper flake has been modified slightly at the thin and sharp end and used as adze. Flat abrader 1 937.0 Elongated elliptical mano with 2 slightly convex grinding surfaces and rounded edge: Made of hard light tan aundstone. 23DA372 Surface - general Preform proximal 1 27.1 Preform proximal 1 37.0 Preform proximal 1 16.5		Preform	1	31.4	
Preform proximal		Preform proximal	1	57 .0	Elongated leaf-shaped preform with one side and part of tip gone.
Core 1 86.6 Adze 1 76.2 A large and thick (at one end) wedge, shaper flake has been modified slightly at the thin and sharp end and used as adze. Flat abrader 1 937.0 Elongated elliptical mano with 2 slightly convex grinding surfaces and rounded edges Made of hard light tan aundations. 23DA372 Surface - general Preform proximal 1 27.1 Preform proximal 1 37.0 Preform proximal 1 16.5		Preform proximal	1	51.6	. , , ,
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Surface - general Preform proximal 1 27.1 Preform proximal 1 37.0 Preform proximal 1 16.5	2304372	Flat abrader	1	937.0	Elongated elliptical mano with 2 slightly convex grinding surfaces and rounced edges.
Preform proximal 1 37.0 Preform proximal 1 16.5		Preform mentional		27 •	
Preform proximal 1 16.5	Antrace - Reneign	•		_	
		•	-		
	23DA373	C	•	į (J. J	

Cha Marine Lanca	Artifacts collected by			
Site/Provenience	Artifact Description	Ct.	W(g)	Comments
Surface - general	Dart point stem (Big Creek)	1	10.3	
Series Brand	Preform	ī	17.5	
	Bifacial knife midsection	2	16.2	
	Preform proximal	1	27.0	
	Preform proximal	i	16.1	
	Blank proximal	ī	53.8	
23DA374		-	•••	
Surface - general	Flake scraper	1	27.3	
9000 3 0000	Bifaciai end acraper fragment	i	8.2	This is probably the base of a thin preform which has been modified into a scraper by beveling the base. Two marginal constrictions at opposite end may mean
	Marine and Alexander		40.3	specimen was hafted.
	Pretorm distal	1	19.3	
	Stemmed biface proximal	1	5.5	
222.455	Bifacial buile midsection	2	19.9	
23DA375	mark to the life			
Surface - general	Bifacial knife	1	4.4	Similar bifaces found in Late Archaic at Albertson site (3BE174; Dickson 1991:87) where they were classed as LA-3 bifaces.
23DA376	Diferial built		4 ~	
Surface - general	Bifacial knife	1	4.7	
	Bifacial knife (Stone Square Stemmed var.)	1	10 3	
	Dart point midsection (Kings Corner Notched?)	1	3.0	
	Preform proximal	1	13.9	
23DA377	Preform mideection	7	116.8	
Surface - general	Bifacial knife (Ensor)	1	7.8	
	Projectile point/knife (Hanna-like)	1	7.3	
	Bifacial knife proximal	1	7.6	
	Bifacial knife proximal	1	9.2	Originally a long biface specimen split longitudinally from near tip to one shoulder.
	Projectile point/knife (Kings Corner Notched)	1	2.9	
	Bifacial knife (Big Creek)	1	9.6	
	Stemmed biface proximal (Big Creek)	1	5.3	
	Bifacia: knife	1	14.2	One blade mangin is erratically excurvate the other erratically straight. Made by percuesion with no retouch by pressure. Possibly early Mississippian?
	Bifacial knife proximal	1	20.5	· // ··—/
	Hifacial knife midsection	3	13.6	
	Preform proximal	2	48.6	
23DA379	•	_		
Surface - general	Bifacial knife proximal	1	10.0	Broken due to brizoan fossil weakening specimen.
(12D 120C	Bitacial knife (Afton variant)	1	6.1	This corner notched biface has angular "Afton-like" blade with much use crushing in concave areas apparently due to woodworking. Tip and one tang missing.
23DA380 Surface - general	Bilacial knife (Kings Corner Notched)	1	2.7	Although base is missing the biface has all characteristics of Kings Corner Notched. Because these points became smaller in post
				Archaic times this small example is probably Woodland.
	Bifacial knife midsection	1	5.7	
	Preform distal	1	26.5	
240 4 204	Blank	1	97.1	
23DA381	DIA.			
Surface - general	Biface stem	1	1.7	Stem possibly from Kings Corner Notched.
	Preform proximal	1	12.2	
110 4 100	Preform midsection	1	18.3	
23DA382				

APPĒNDIX A

Site/frovenience	Artifacts collected to	Ct.	W(g)	Comments
Surface - general	Алтоw point (Scallorn)	1	1.8	
	Dart point stem (Table Rock Stemmed)	1	3.1	
	Preform	1	3.4	
	Bifacial knife midnection	2	12.5	
	Blace midsection	2	20.5	
23DA383				
Surface - general	Bifacial knife (Big Creek)	1	12.6	
	Bifacial knife (Waubesa)	1	12.4	
	Bifacial knife midsection	1	19.9	
	Stemmed biface proximal (Big Creek?)	1	11.1	
	Preform midaection	7	86.9	
23DA384				
Surface - general 23DA385	Bifacial knife midsection	1	14.3	
Surface - general	Bifacial knife (Smith)	1	17.1	
-	Preform midnection	21	333.8	
	Bifacial knife midsection	4	46.8	
	Knife/scraper base	1	18.8	The base of an advanced preform shows
				slight unifacial pressure beveling.
	Bifacial side scraper midsection	1	15.1	A large biface fragment with a concave area
				unifacially worked into the one existing
				edge. Either specimen not used or
				resharpened and not used further.
	Dart point stem (Hanna)	1	7.4	Biface has been broken by beat. No use
				wear. Usual function for Hanna is dart
				point.
	Bifacial knife (Steuben variant)	1	15.2	•
	Bifacial knife (Gibson)	1	7.4	
	Bifacial kaife (Big Creek)	1	10.0	
	Dart point stem (Duncan)	1	3.0	
	Bifacial end scraper (Hanna?)	1	6.4	Seems to be base fragment of Hanna point broken and unifacially reworked just above the side notches to form hafted scraper. Could be Late Archaic or a reworked find modified into scraper at a later time. Has been battered somewhat after use on hides.
	Bifacial knife (Big Creek)	1	10.3	
	Bifacial knife (Gibson)	1	12.2	
	Dart point midsection	1	12.9	Tiny portion of stem left. Could have been
	<u> </u>	-		square or contracting. If square point is Late Archaic if contracting probably is Woodland
	Bifacial knife	1	16.9	Crudely manufactured by percussion flaking
	Bifacial knife (Langtry-like)	1	9.7	One blade edge strongly incurved one
	Constant some (Cunknik-1120)	,	7.1	straight.
	Bifacial knife miduection	1	3.3	Most of stem and much of blade missing.
	Bifacial drill miduection	1	2.5	Proper Or secur and mach of other making.
	Bifacial knife proximal	i	22.2	Thin triangular fragment with one margin a
23DA386	Busciel same produce		22.2	break. Probably not hafted. Use wear on both existing margins. Thin for size but original shape uncertain.
Surface - general	Bifacial kaife (Calf Creek variant)	1	8.8	Biface has been exposed to fire and has been smoked dark but it is a fossiliferous Burlington apparently. Concave base and lack of stem grinding not typical of Calf Creek. This is probably a late variant of the type. Both barbs missing.
	Bifacial kaife	1	9.3	This unnamed specimen seems related to the Calf Creek type but is probably younger. Similarly shaped specimens were recovered in Calf Creek Cave in a disturbed context
				(Dickson 1970:63).
	Preform midnection	38	621.0	(Dickson 1970:63).
	Preform midsection Bifacial knife midsection	38 4	621.0 25.7	(Dickson 1970:63).

Site/Provenience	Artifact Description	Cr.	Wt(g)	Comments
	Preform proximal	7	233.2	A - aski was A - A B - A-
	Projectile point/knife (Big Creek)	1	7.9	Apparently used as dart point after rechargening reduced size.
	Bifacial knife (Table Rock variant)	1	6.2	readin posting resourced state.
	Bifacial kaife (Hanns)	i	6.8	
	Dart point ster (Hanna)	1	4.0	
	Dart point (Hanna)	1	7.3	Sloping shoulders and edges just above them
				have been abraded.
	Dart point (Hanna?)	1	4.0	Specimen has been resharpened to a pointed stub probably on foreshaft. Steeply beveled edges would not be effective as cutting tool. Probably resharpened in field and discarded when new biface made.
	Bifacial knife proximal (Table Rock variant)	1	5.6	
	Bifacial knife midsection (Gibson-like)	1	10.0	Base of stem and tip missing. Seems to be damaged example of Gibson. Elsey chert is from further south.
	Dart point (Fisnna?)	1	5.5	
	Dart point stem (Big Creek)	1	10.9	
	Bifacial knife	1	10.0	Biface has been resharpened too extensively
				to determine original shape. Probably point was Steuben or Rice Side Notched but one cannot be sure. The tip was probably pointed.
	Bifacial knife (Stone Corner Notched)	1	10.2	
	Stemmed biface proximal (Stone Corner Notched)	1	9.3	
	Projectile point/mife proximal (Stone Corner Notched)	1	12.6	Potlid fracture on one face. Type most often dart point with cutting secondary.
	Stemmed biface proximal (Kings Corner Notched)	1	8.9	Biface has been broken and restarpened. Final resharpening has eliminated one shoulder. Small blade area may feature some wear but not enough present to evaluate.
	Stemmed biface proximal	1	8.7	
	Bifacial knife proximal (big Creek)	1	8.0	
	Projectile point/knife (Palmillas-like)	1	8.0	Typical of the Palmillas biface a Texas type not usually considered to extend as far north as Missouri. Tip damaged.
	Projectile point knife	1	6.8	Similarly shaped biface found in Late Woodland context at Albertson Site (3BE174; Dickson 1991:131).
	Bifacial knife	1	5.5	· · · · · · · · · · · · · · · · · · ·
	Bifacial knife proximal (Smith)	1	13.6	
	Preform proximal	2	3 0.7	
	Blank	1	217.3	Since this is classic Elsey chert it probably was obtained in either Barry Stone or Taney counties. Elsey formation is not found in Dade County.
	Unstemmed biface proximal	i	5.4	All margins except base concavity damaged severely.
	Stemmed biface proximal	2	13.0	•
	Projectile point/knife proximal (Rice Side Notched)	1	10.2	
	Projectile point/knife proximal (Rice Side Notched)	1	8.7	
	Bifacial drill proximal	1	9.6	
	Piliscial drill midsection	1	6.0	
23DA387	Preform	1	18.3	
Surface - general	Preform midsection	35	579.2	
	Bifacial knife (Rice Lobed variant)	1	12.5	
	Bilacial knife midsection Bilacial knife (Big Creek variant)	4	32.8	
	Bifacial knife (Big Creek)	1	18.6 17.7	
			. / /	

te/Provenience	Artifact Description	CL	Wt(g)	Comments
	Bifacial knife (Big Creek)	1	10.0	
	Bifacial traife (Stone Corner Notched)	1	12.0	
	Bifacial knife (Big Creek)	1	5.3	Resharpened to stub. Not used much after final resharpening. Stem and blade both of similar size and shape.
	Biface midsection	4	9.9	·
	Projectile point/knife (Stone Corner Notched)	1	14.5	
	Knife/scraper	1	13.3	A square stemmed biface has been resharpened bifacially to a rounded abort blade. One corner of stem and part of base damaged.
	Bifacial ade scraper midsection	1	13.2	A thin corner notched biface has up missing and stem damaged. One straight blade edge has extreme rounding from scraping an abrasive substance probably dried pottery. There is some rounding on the opposite blade margin. Scraping function obliterated any evidence of earlier usage if it existed.
	Bilacial knife (Stone Square Stemmed)	1	19.0	
	Bilacial knife (Steuben)	1	8.8	
	Stemmed biface proximal	4	32.7	These biface fragments all seem to have had expanding stems but all are damaged. Dista portions all missing and small remaining blade edges all damaged.
	Bifacial knife midsection	5	91.0	
	Projectile point/knife (Table Rock variant)	1	7.6	
	Bifacial drill proximal	1	6.1	
	Bifacial drill midsection	1	7.1	
	Bifacial knife	1	6.2	
	Bifacial knife (Rice Side Notched)	1	11.2	
	Stemmed biface proximal (White River variant?)	i	7.4	This is a fairly rare variant of White River type. Instead of being parallel below the notches this area contracts sharply to a base notch.
	Projectile point/knife stem (Stone Square Stemmed)	1	12.9	
	Bifacial knife proximal (Afton?)	1	18.1	This corner potched biface seems to have ha an angular blade. The specimen has a missing tip and is split lengthwise through blade and stem.
	Bifacial knife (Big Creek)	1	9.4	
	Dart point (Big Creek)	1	12.7	
	Stemmed biface midsection (Big Creek?)	1	13.7	Stem mostly missing and blade margins so battered that evaluation of function is impossible.
	Bifacial knife proximal (Stone Square Stemmed)	1	12.6	
	Bifacial knife (Steuben)	1	8.0	
	Stemmed biface proximal (Stone Corner Notched)	1	7.9	
	Stemmed biface proximal (Stone Corner Notched var.)	1	8.7	
	Stemmed biface proximal (Stone Corner Notched)	1	5.1	
	Projectile point/knife proximal (Big Creek) Knife/scraper proximal	1	11.3 14.8	Expanding stem becomes convex immediately below shoulder (one missing; one damaged). One blade margin and tip missing. The other blade edge unifacially beveled with polish from both cutting and scraping.
	Stemmed biface proximal (Kings Corner Notched var.)	1	3.9	

ite/Provenience	Artifact Description	Ct.	Wt(g)	Comments
	Bifacial knife	1	18.4	This is possibly a preform for type like Kings Corner Notched but there is no hafting provision. Biface is thin and shows use wear and evidence of resharpening.
	Flake knife	1	12.3	and evidence of resourpetting.
	Preform	1	22.2	
	******	1	25.3	
	Preform proximal Preform	1	34.3	
	Preform	1	34.0	The dark gray fossiliferous chert is probably
	recorm	•	34.0	Sedalia but could be lower Burlington.
23DA388				
Surface - general	Bifacial knife (Langtry)	1	9.6	
_	Bifacial knife midsection	1	13.8	
	Stemmed biface (Lander Corner Notched)	1	8.2	
23DA389				
Surface - general	Bifacial knife (Dickson)	1	11.3	
	Bifacial knife (Dickson)	1	7.8	
	Bifacial knife (Dulton)	1	10.2	Crude Dalton made from a poor grade of
	Bifacial knife midsection	1	6.9	Jefferson City chert.
		2	58.0	
23DA390	Preform proximal	2	36.0	
Surface - general	Blank	1	125.8	
Series - Beneval	Bifacial knife midsection	i	6.4	
	Bifacial knife midsection	i	21.8	One blade margin unifacially beveled.
23DA391		•	••••	out the management of the control of
Surface - general	Stemmed biface proximal (Langtry)	1	3.4	
	Bifacial knife midsection	1	11.2	
23DA392				
Surface - general	Dart point (Big Creek)	1	8.0	Biface much resharpened the last time by percussion. Only use evidence is tip
	Bifacial side scraper midsection	1	8.4	damage. However earlier use is probable. Biface midsection fragment has curved edge. The other margins are irregular breaks. Curved edge has much use rounding and bright polish line indicative of scraping dryhide.
	Knife/scraper distal	1	21.6	Distal portion of biface with rounded tip. Latter has been unifacially beveled to serve as scraper and has bright polish line. Other edges show use polish indicative of cutting soft material.
	Preform proximal	1	38.1	
23DA393				
Surface - general	Preform mideection	61	1347.5	
	Bifacial knife midsection	20	159.2	
	Preform proximal	6	117.2	
	Chopper	1	348.6	This large artifact may represent a preform for an axe or hoe but some battering can be seen on margins so it was used as is. A bit o stream cortex is present on one face otherwise it is worked bifacially. Very fossiliferous red gray and cream colored Pierson chert with much variation in texture
	Hematite	1	31.4	THE SAME COLUMN TO STATE OF THE SECTION OF THE SECT
	Bifacial knife midsection	3	21.3	
	Blank	1	183.8	
	Blank	i	100.0	
	Blank	1	129.1	
	Blank	1	127.5	
	Blank	i	107.2	
		-	81.5	
	Blank	1	(3.1)	
	Blank Preform	1	24.6	
		-		

ite/Provenience	Artifact Description	_CL	W(g)	Comments
				<u> </u>
	Preform	1	16.0	
	Preform proximal	1	24.0	
	Core	1	58.5	
	Bifacial knife	1	12.2	This is a fairly common but unnamed type. I' resembles Breckenridge except is unbeveled and tangs are loo pointed for Rice Stem does not expand as much as does the
	Cransmad bifasa maninasi		5.8	Middle Archaic Jakie point.
	Stemmed biface proximal	1 1	4.4	
	Stemmed biface proximal (Jakie-like) Bifacial knife (Jakie-like)	1	9.3	
	Bifacial knife (Stone Square Stemmed)	1	23.5	
	Bifacial knife proximal (Stone Square Stemmed)	i	22.1	
	Knife scraper proximal (Stone Square Stemmen)	1	12.5	Bright polish line and rounding indicate fina use in scraping dry hide. This use has obliterated any earlier function such as cutting. Made from mottled Jefferson City chert.
	Bifacial knife proximal (Stone Square Stemmed)	1	12.1	
	Stemmed biface proximal (Smith variant)	1	13.6	Unlike typical Smith biface the stem very alightly expands. Blade margins too damaged to evaluate however the Smith type usually is a cutting tool.
	Knife/scrapes (Kings Corner Notched)	:	11.7	This is a large and very thin Kings Corner Notched with use rounding and polish on on margin. The other has a slight use beveling and some polish indicating a scraping action briefly. Polish line has not developed.
	Bifacial knife (Kings Corner Notched var.)	1	11.8	·
	Bifacial knife (White River variant)	1	8.4	Typical White River Archair shape except for the serrations which are unusual. No beveling of blade edges.
	Knife/scraper (Big Creek)	1	10.7	The distal part has been unifacially bevelou by pressure and used briefly as a scraper. Use polish on lower (unbeveled) part of edges suggests cutting soft material.
	Dart point (Big Creek)	1	10.7	
	Bifacial knife (Big Creek)	1	12.8	
	Bilacial knife (Rice Side Notched)	ī	6.2	This biface made from a curved flake with minimum alteration by percussion mostly.
	Bisacial knife (Stone Coreer Notched)	1	13.5	,
	Bifacial knife (Stone Corner Notched)	1	9.2	
	Stemmed biface proximal (Stone Corner Notched)	1	11.2	The small amount of blade intact suggests incurving margins. Too much damage to evaluate function but slight trace of use polish can be seen. Both tangs missing from stem.
	Bifacial knife proximal (Stone Corner Notched)	1	12.7	and the second s
	Knife/scraper proximal (Steuben variant)	1	10.1	The remaining 1.2 cm of one blade margin features extreme rounding and slight polish typical of that produced by scraping dried pottery (or a very soft gritty stone). This rounding has obliterated any evidence of earlier function. However Steuben points trually functioned as cutting took.
	Bifacial knife (Steuben)	1	9.8	usually functioned as cutting tools. Exhausted (by resharpening) blade has mucedge crushing typical of working bone or antier and some rounding and abrasion typical of that produced by cutting soft stone
	Projectile point/knife (Big Creek)	1	8.0	. , ,
	Stemmed biface proxim (Stone Corner Notched)	1	10.0	

APPENDIX A
Artifacts collected by Howard Wimmer

ile/Provenience	Artifact Description	Ct.	WK(g)	Comments
	Stemmed biface proximal (Stone Corner Notched?)	1	8.7	
	Bifacial knife proximal (Stose Coraus Notched?)	1	5.9	•
	Aborted preform proximal (Smith preform)	1	18.5	This is a preform for Smith point proken lat in seduction. Notches were started but not finished. Blade roughly flaked and beveled to aid reduction.
	Bifacial knife (Hanna)	1	8.7	
	Bifacial knife proximal (Hanna)	1	5.6	
	Dart point (Hanna)	1	6.4	
	Durt point (Hatha)	1	6.9	
	Bifacial knife (Hanna)	1	9.1	exposed to heat. Large pottid fracture from one side. Tip probably broken by heat too.
	Dart point (Hanna)	1	5.1	
	Bifacial knife proximal (Hanna)	1	7.1	
	Projectile point/tnife	1	5.4	Fairly rare type found by Dickson (1991:95 in Middle Woodland levels at Albertson site where it was used as dart point. The 23DA393 specimen has evidence of impact fracture but has been resharpened obliterating most of it.
	Bifacial knife proximal (Smith)	1	7.3	
	Bifacial knife proximal	1	6.0	
	Biface sum	10	69,3	Ten undiagnostic notch-shoulder fragments. Most probably came from expanding stemmed bifaces.
	Bifscial knife (Kings Corner Notched)	1	9.2	SAMILION CHINAS
	Bifacial knife (Kings Corner Notched)	1	7.8	
	Projectile point/knife stem (TL, de Rock Stemmed)	ì	4.6	
	Bifacial knife	1	2.9	The stem is small enough for an arrowhead however the blade is wide and very thin and features some use polish.
	Bifacial knife	1	2.4	Similar shaped bifaces were found at the Albertson site (3BE174: Dickson 1991:95) and classified as MW-2 bifaces. These very thin examples seem to have served as cuttin tools thicker examples as dart points.
	Bifacial kaife	1	3.7	Shape similar to Kings Corner Notched but not good example of this type. Use polish distinct on existing edges.
	Projectile point/knife	1	1.8	This biface is small enough to have functioned as an arrow point but has some use polish on margins indicating at least a partial function of cutting tool. Possibly an early example of an arrow point and possible
	Knife/scraper (Kings Comer Notched)	1	3.5	a nearly exhausted very small cutting tool. Reworked bifacially to a round pointed stuit Uze polish from cutting abundant but a possible polish line suggests limited scrapio of akins.
	Stemmed biface	1	17.5	Unusual expanding stemmed biface with wide and thin blade has two deep and narro notches worked into one edge. The opposite edge has had at least one (probably two) notches placed in it but the crea is broken away. Some use polish can be seen in the notches as if something soft were being drawn through them. Specimens like this usually are called "eccentrics." At first glance it would seem someone was practicing notching but the wear in notches suggests intentional production for an unknown purpose.

Site/Provenience	Artifact Description	CL	Wt(g)	Comments
	Flake notched	1	10.0	An unmodified heat treated flake has one neetch flaked is such edge. One notch is nearer one end the one on opposite edge is closer to the other end. Purpose for notching unknown.
	Bifacial drill proximal	1	2.6	
	Bifacial drill proximal	1	4.4	
	Bifacial drill midsection	1	5.3	The distal portion of a biface has had edges well ground and a narrow point flaked on tip (most of which is missing). Used as perforator.
	Bifacial knife (Kings Corner Notched)	1	6.9	
	Dart point (Stone Corner Notched var.)	1	8.9	
	Bifacial knife proximal (Stone Corner Notched)	1	16.0	
	Bifacial Enife (Steuben)	1	10.8	
	Spokeshave bifacial proximal	1	12.8	The base portion of a preform with convex base has a concave area unifacially worked in each blade edge near the base. Use polish found in concavity.
	Bifacial knife (Gibson variant)	1	8.8	
	Preform proximal	1	12.1	
	Bifacial knife (Jakie variant)	1	11.1 12.4	
	Stemmed biface proximal	1	16.2	
	Dart point stem (Stone Corner Natched)	1	2.7	
	Flake knife Preform proximal	1	13.6	
	Bifacial knife	1	3.5	
	Dart point of om	i	6.4	
	Knife/acraper (Big Creek)	i	8.3	
	Biface stem (Big Creek)	i	5.2	
	Stemmed biface proximal	i	7.6	
	Bifacial knife (Steuben)	i	9.3	
	Stemmed biface proximal	1	5.6	
23DA394		-		
Surface - general	Arrow point (Fresno)	1	1.1	
	Preform proximal	2	13.7	
23DA395	·			
Surface - general	Stemmed biface proximal (Rice Side Notched)	1	9.2	
	Projectile point/knife (Rice Side Notched)	1	7.3	Much resharpened biface was probably used as cutting tool until resharpening reduced size and then used as dart point. Final use was dart point.
	Preform proximal	2	46.4	
	Preform base (Rice Side Notched preform)	1	11.2	This base preform fragment reflects a lanceolate shape with slight edge constriction near base (damaged).
	Bifacial knife (Rice Side Notched)	1	7.3	Exhausted biface sharpened last by percussion in rough manner. No wear. One tang missing too.
	Preform base	1	21.5	•
	Stemmed biface proximal (Stone Corner Nosched)	1	8.7	
	Grog-tempered plain body sherd	1	62.8	Thick body sherd sherd seems mostly clay tempered with slight amount of grit or sand included.
23DA396	Diferial built		** ^	
Surface - general	Bifacial knife	1	55.0	
•	Preform proximal	4	69.3 14.6	
-	Hitarial bails (Stone Same Stames)		140	
·	Bifacial knife (Stone Square Stemmed)	_		
·	Bifacial side acraper	1	74.5	
·		_		

Site/Provenience	Artifact Description	Ct.	W(g)	Comments
#15\ 40#	Bifacial knife mideection	1	4.4	
23DA397	Preform midsection	15	240.5	
Surface - general	Blank proximal	13	121.8	•
	Bifacial knife midesction	4	36.4	
	Bifacial knife midesction	5	30.9	
	 	1	8.4	The convex base of a thin late stage preform
	Bifacial end scraper base	7	0.4	was unifacially beveled and used as a
				SCREET.
	Bifacial drill midsection	1	1.3	actabet.
	Preform	i	62.5	
	Projectile point/knife (Jakie variant)	1	13.8	
	Dart point (Big Creek variant)	i	13.8	
	Bifacial knife (Big Creek)	i	10.0	
	Bifacial knife proximal (Big Creek)	i	11.2	Probably broken during note sing or one side
	Different antice proximal (tolk creek)	•	44.4	was not notched (it is missing). Bright polish
				cu specimen as if stream tumbled some.
	Stemmed biface proximal (Big Creek)	1	7.2	он времном на и вываш пилиты воще.
	Bifacial knife	1	11.3	
	Bifacial knife (Standice)	i	8.0	
	Dart point stem (Hanna)	i	4.9	
	Dart point stem (Hanna variant)	1	5.5	
	Bifacial kaife proximal (Table Rock variant)	î	9.1	This specimen has an unusually short stem
	STATE OF THE PROPERTY OF THE PARTY OF THE PA	•	714	for a Table Rock but otherwise is typical for
				the type.
	Hilace stem	1	1.5	
23D.\398		•	110	
Surface - general	Preform proximal	1	45.4	
Bonelet	Preform mideection	i	49.2	
	Preform midsection	2	9.6	
	Stemmed biface proximal	ī	9.8	
	Bifacial knife (Rice Side Notched)	i	14.8	
	Bifacial baife (Steuben variant?)	i	6.5	
	Biface mideection	i	4.0	No use wear possibly broken before it could
	·	-	1.0	he used.
23DA399				- -
Surface - general	Bitacial knife midsection	2	12.5	
23DA400		-		
Surface - general	Knife/scraper (Dalton)	1	7.6	Tip of Dalton point has been unifacially
•	/	-		rounded and used as a scraper apparently of
				wet hides.
	Preform midsection	9	137.9	
	Bifacial knife proximal (Smith)	1	24.6	One barb was massive (broken) while the
	,	-		other one (damaged) was smaller. Stem
				other small for Smith with its massive blade;
				however this was probably due to the
				difficulty of flaking the Jefferson City
				dolomite. Very little of original blade left
				intact on one side but this shows use polish.
	Projectile point/knife (Smith)	1	17.2	Impact fracture seems to be unusual on
			-	Smith bifaces since they were mostly used as
				cutting tools. This one was used as a dart
				point after much resharpening reduced size.
	Blank	1	108.5	
	Flake scraper	1	31.8	
	Biface stem (Smith)	1	10.3	
	Projectile point/knife (Kings Corner	i	6.2	
	Notched)	-		
	Bifacial knife (Stone Corner Notched)	1	9.6	
	Stemmed biface proximal (Table Rock	i	4.9	This variant of the Table Rock type has a
	variant)	-		shorter stem without beavy grinding.
	Bifacial knife (Langtry)	1	7.1	The state of the s
	Biface	i	3.8	
		-		

ite/Provenience	Artifact Description	Ct.	Wt(g)	Comments
	Arrow polat	1	1.2	This small and very short biface has been resharpesed to a stub. It may have served as an arrow point but is rather thick for this category of tool.
	Bilacial knife mideection	1	5.6	
23DA401	Biface midsection	1	2.9	One possible notch portion of possible stem No blade mergins or barbs or distal portion remaining.
Surface - general	Bifacial knife (Fice Side Notched)	1	4.1	This is an example of Rice Side Notched which has all of the slight shoulders remove by resharpening. This variety of Rice Side Notched differs from the Copena in that the base is concave. The "side notching" is really more of a constriction than a true notch.
	Preform base	24	368.1	
	Stemmed biface proximal (Stone Corner Notched)	1	10.0	
	Bifacial knife proximal (Stone Corner Notched)	1	9.8	
	Bifacial knife (Stone Corner Notched)	1	.7.4	
	Projectile point/knife (Stone Corner Notched)	1	16.1	
	Bifacial knife proximal (Stone Corner Notched)	1	10.5	
	Bilacial kulfe proximal (Stone Corner Notched)	1	16.2	All but a small part of one blade margin is damaged. There is use polish and rounding on this small area.
	Bifacial knife proximal (Stone Corner Notched)	1	6.5	Fragment consists of half of stem one nucleone shoulder and 2.0 cm of one blade margin.
	Bifacial knife proximal (Big Creek)	1	8.0	
	Stemmed biface proximal (Grand)	1	12.8	
	Bilacial knife mideection	4	3 0.0	
	Biface midsection	3	16.2	
	Biface midsection	4	15.5	
	Dart point (Stone Corner Notched)	1	13.7	
	Projectile point/knife (Stone Square Stemmed)	1	13.5	
	Dart point proximal (Big Creek?)	1	10.7	
	Bifacial knife proximal	1	11.6	
	Bifacial knife	1	6.8	Broad biface with very short but broad expanding stem. Small amount of blade intact but it has use rounding and polish.
	Bifacial knife	1	8.3	5 11
	Stemmed biface	1	6.1	Biface has very short square stem. Not the same type as specimens 19 and 20 which also have short stems.
	Blank	1	35.7	MANAGEMENTS
	Bifacial knife	i	22.3	Preform aborted due to flaw in chert. Slig polish suggests light use as cutting tool aft reduction stopped.
	Preform	1	20.0	· · · · · · · · · · · · · · · · · · ·
	Preform base	i	33.9	
	Blank	ī	94.4	
	Blank	ī	107.3	
23DA402			.=	
23DA402 Surface - general	Bifacial knife (White River)	1	11.0	
	Preform midaection	3	37.7	
surtace - general				
Surtace - general	Bifacial knife proximal (Stone Corner Notched?)	1	12.5	Biface broken across 2.0 cm above should to blade midpoint and then downward through the stem. Some use rounding and polish on existing blade margin.

41. 5	Anifacts collected b	CL.	Wt(g)	Comments
Site/Provenience	Artifact Description	C.	₩ R.W.)	COULDERING
23DA403 Surface - general	Projectile point/knife (Noian)	1	8.5	This is a good example of the Nolan point usually not found this far north. However (Perino 1985:274) notes that similar points
	Biface midsection	1	6.8	have been found in west-central Illinois so this find may relate to a different area. This looks like a midsection fragment which has had an expanding stem unifacially produced. Existing blade margins are too badly damaged to interpret (probably
	Biface fragment	3	30.7	tramping damage).
	Bifacial knife midsection	3	11.8	
	Bifacial knife (Stone Corner Notched)	1	11.0	
	Bifacial knife	i	6.9	This type has a bifurcated expanding stem however both rounded tangs are missing on this example and the tip is missing.
23DA405	Different No. (Piece Comes Northerd)		4.7	
Surface - general	Bifacial knife (Kings Corner Notched) Dart point (Stone Corner Notched)	1	4. / 17.2	
	Arrow point (Scaliora)	í	0.4	
	Core scraper	i	29.7	
	Biface midsection	ī	1.2	
	Preform midsection	i	7.2	
23DA406				
Surface - general	Bifacial knife proximal	1	18.5	This is either the base of an advanced preform used as a knife or an unhafted specimen since use rounding and polish are found on the base area.
23DA407				
Surface - general	Sand-tempered core marked body sherd	1	13.3	
	Flake knife	1	15.8	
	Unidentified mammal bone (Odocoileus virginianus?)	1	28.5	
	Bifacial kaife proximal Unidentified bone	1 5	4.2 30.1	All broken fragments. One large fragment
23DA408	Officer of force	J	30.1	rodent gnawed along edges.
Surface - general	Bifacial knife (Stone Square Stemmed)	1	32.6	
Saltace - Bolleta	Bilacial knife (Lander Corner Notched)	ī	14.6	
	'ake scraper	1	10.8	A blade-like flake which has the extreme rounding caused by scraping leather-hard dried pottery.
	Preform midsection	1	25.2	•
	Flake knife	1	3.5	
	Unidentified mammal bone (Odocoileus virginianus?)	1	1.6	Deer(?) tooth.
23DA4±0 Surface - general 23DA412	Arrow point (Sequoyab)	1	0.9	
Surface - general	Arrow point (Scallorn)	1	0.9	
Series - Bonordi	Arrow point (Keota)	i	0.8	Jefferson City quartzite.
	Arrow point (Haskell)	i	1.2	Blade appears reworked as it is narrower than usual for Haskell.
23DA413	Stem: 1 biface proximal (Steuben-like)	1	4.8	Resembles Steuben except for shorter than usual hafting area.
Surface · general 23PO230	Stemmed biface proximal (Big Creek)	1	8.7	
Surface - Area 21	Dart point (White River)	1	6.2	
Surface - Area 1	Bifacial knife proximal (Kings Corner Notched)	1	6.4	Well made biface finished by pressure flaking. Serrations on one margin. Blade margins probably recurved.
	Projectile point/knife proximal (Dickson)	1	10.7	<u>-</u> , ,
	Arrow point stem (Scallorn)	1	0.7	

Site/Provenience	Artifact Description	Ct.	Wt(g)	Comments
				<u> </u>
23PO304				
Surface - general	Bifacial knife (White River)	1	8.9	
•	Stemmed biface proximal (Big Creek)	1	6.0	
	Bifacial knife	1	11.7	Stem broken just below shoulders. Cannot
				tell whether it was contracting stem or what.
	Preform distal	1	41.5	
	Preform midsection	1	53.0	
23PO320	Fala i		A //	Promotes the affine affine a
Surface - general	Biface edge	1	8.7	Fragment consists of part of a notch and
	Dest merulusal	1	9.4	adjacent area.
1200161	Preform proximal	ı.	y ,4	
23PO351 Surface - Area C	Bifacial knife (Rice variant)	1	10.1	This asems to be a late variant of the Rice
SWIECE - ALTER C	Ditacial Epite (Nice Variable)	•	10.1	type without stem grinding.
	Bifacial knife (Ensor)	1	5.9	type window seem grinning.
	Knife/scraper (Grand)	i	11.2	
	Biface midsection	ż	79.5	All 7 of these tips seem to be from advanced
				stage preforms and do not appear to have
				been used.
	Preform midsection	4	125.9	
	Biface midsection	6	22.7	
	Dart point stem (Big Creek)	1	7.5	
	Dart point stem (Big Creek)	1	11.7	
	Dart point stem (Stone Square Stemmed)	1	7.9	Made from a dark and light gray
	•			fossiliferous chert probably Sedalia.
	Stemmed biface proximal	1	11.3	Very short square stem has probably been
				broken and reworked unifacially. May
				originally have been either Smith or Stone
				Square Steinmed
	Arrow point (Scaliors)	1	0.6	
	Stemmed biface proximal (Table Rock	1	11.4	
	variant)			9510 4 4
	Bifacial knife	1	7.3	Biface has been resharpened so much that al
				of shoulders gone. Possibly a Smith point
	Preform		22.2	originally.
	Preform proximal	1	32.2 22.9	
	Preform proximal	i	20.9	
	Preform proximal	i	26.2	
	Biface midsection	i	7.8	
	Biface midsection	i	8.3	
Surface - Area D	Bifacial knife (Kings Corner Notched)	i	1.5	
	Preform midsection	ğ	157.3	
	Biface midsection	6	35.0	
	Biface midsection	5	31.4	
	Mussel sheil	5	79.9	
	Sandstone concretion	1	64.7	These candstone concretions were formed in
				small cavities in the sandstone. This one is
				round in shape and may have been used as a
				small hammerstone.
	Flat abrader	1	564.9	Elliptical shaped flattened mano with much
				use wear on one face.
	Preform	1	102.3	
	Preform proximal	1	37.3	
	Preform proximal	1	15.2	
	Preform proximal	1	7.7	
	Stemmed biface proximal (Stone Corner	1	14.1	
	Notched)			
	Bifacial knife proximal (Big Creek)	1	7.7	
	Preform proximal (Stone Corner Notched)	1	8.5	
	Stemmed biface proximal (Big Creek)	1	4.8	.
	Bifacial knife	1	8.2	Probably a development from Rice Lobed
	District Add - 14 of		٥	with bifacial resharpening.
	Bifacial drill midsection	1	0.7	
Surface - Area A	Bifacial krife (Steuben variant)	1	14.8	

ite/Provenience	Artifact Description	Ct.	WI(g)	Comments
	Bifacial knife proximal (Hanns variant)	1	11.5	This Hanna-like point has a knot on one fact which could not be removed by knapping. Some use polish on one margin suggests the tool was used. The stem is well thinned.
	Steammed biface proximal (Hanna)	1	12.0	
	Projectile point/knife proximal	1	12.1	
	Stemmed biface proximal (Big Creek)	i	5.5	
	Biface midtection	7	94.4	Edenatur danicand to applicate for for other
	Sitting interested	•		Edges too damaged to evaluate for function. Some of these could be preform fragments.
	Bilace midsection	5	47.4	
	Bifacial knife midsection	5	28.6	Some use polish can be seen on all of the tip fragments.
	Dart point stem	1	2.0	This is similar to the LC-8 category from the Albertson site (Dickson 1991:166).
	Bifacial knife	1	16.2	The short thick stem appears to have been reworked into a contracting form. The stem
				originally could have been squared or expanding.
	Preform proximal	1	3.6	
	Hammerstene	1	88.6	An elliptical shaped core or preform has much battering at one end indicating use briefly as a hammerstone.
	Mussel shell	6	87.5	•
Surface - Area B	Bifacial knife (Dalton)	1	6.0	A lanceolate point slightly contracting toward the base has been much resharpened by beveling each left margin. While most archeologists would classify this as Dalton it may have been a lanceolate Agate Basin-like point resharpened in the same manner as a Dalton. The hafting area contracts slightly to a concave base.
	Bifacial knife (Table Rock Stemmed)	1	3.1	
	Projectile point/knife midsection	i	3.5	Specimen had a narrow probably expanding stem formed by base notching but stem is missing. Some impact fracture can be seen on one face and some use polish is found on margins.
	Stemmed biface proximal (Table Rock Stemmed)	1	4.2	
	Dart point stein	1	2.3	
	Bifacial knife proximal	i	7.4	Split lengthwise down the center.
	Preform proximal	ż	96.7	One fragment is from dark chert possibly Sedalia.
	Unstemmed biface proximal	6	38.7	organica.
	Bifacial halfe programal	2	12.4	
	Preform proximal	ĩ	133.6	This is the base of a large preform made from coarse textured and fossiliferous Burlington chert. Probably broken during reduction.
23PO355	Mussel shell	4	28.2	rouscuos.
Surface - general	Dast maint (Ellis, like)			
эм гант - Яспетві	Dart point (Ellis-like) Stemmed biface	1 1	5.6 4.6	This biface has a short expanding stem with concave base heavy sweeping barbs (damaged) and a wide thin blade. Probably Archaic. Blade margins damaged. Either it was used in some arduous activity or was broken by trampling or machinery in historical
				times.
	Arrow point (Scallorn)	1	0.6	WILL OUR

Site/Provenience	Artifacts collected b	Cì.	Wt(g)	Comments
Site/Provenience	Antiba Deadipaion			· · · · · · · · · · · · · · · · · · ·
	Bifacial mife (Etley)	1	34.2	Specimen is thick because the stone did not knap well and hinged leaving the center
				thicker. Stem is not as long as usual for Elley for the name reason. One margin muc
				damaged the other shows some use polish and breakage.
	Preform midaection	5	85.1	
	Biface midsection	2	15.6	
	Bifacial knife midsection	1	9.1	
	Bifacial knife	1	6.9	Stem has been broken .5 cm below the shoulders and has been unifacially beveled
			40.5	and used as a scraper.
	Bifacial knife proximal	1	19.7	This type biface was recovered from an apparent Middle Archaic context at Calf Creek Cave in Searcy Co. Arkansas
				(Dickson 1970:70-71).
	Bifacial knife (Hanna)	1	8.4	The before the access the accessfully made
	Bifacial knife proximal	1	8.6	This biface is a very thin carefully made
				unnotched biface with use polish and
2400424				microbreakage along the one partly intact edge. Apparently unhafted.
23PO357 Surface - Area A	Arrow point (Scallorn-like)	1	1.7	Typical of Late Woodland Scallorn points in
Surface - Area A	Arrow point (Scanora-mae)	•	1.7	that thickness is greater than usual and workmanship is less skilled.
	Bifacial knife proximal	1	3.5	A fairly rare type possibly of Early
				Mississippi origin. Stem is not ground as as
				similarly shaped Archaic bifaces with
				broader stems.
	Bifacial knife (Big Creek)	1	14.0	
	Bifacial knife (Big Creek)	1	5.8	Biface was probably originally corner
	. • ,			notched but has been resharpened so much
				that most of blade is gone and wide shallow side notches seem apparent.
	Stemmed biface proximal	1	1.2	
	Stemmed biface proximal	1	1.0	
	Preform	1	26.1	
-	Preform midsection	3	27.7	
Surface - Arta B	Preform midsection	14	i88.1	
	Bifacial knife (Smith)	1	22.7 9.1	
	Stemmed biface proximal (Big Creek) Bifacial knife (Ensor)	1 1	4.2	
	Dart point stem (Table Rock Stemmed)	1	1.7	
	Bifacial knife midection	1	8.5	
23PO359	Dillicial allife all discolor	•	0.5	
Surface - general	Preform midsoction	31	548.3	
ourier Service	Biface midsection	11	53.5	
	Biface midsection	6	25.2	
	Unstemmed biface base	9	32.8	
	Bifacial knife proximal (Delton)	1	4.9	This Dalton point is broken just above the hafting area. Two serrations are apparent
				above the hafting area on each side and the feature some use polish. Flute-like thinning
				flake runs full length of specimen on one face.
	Bifacial knife (Steuben)	1	16.8	Biface is made from red Pierson chert from further south.
	Dart point	i	10.9	Biface has a very wide slightly expanding stem. Resembles no known type.
	Bifacial knife (Big Creek)	1	9.3 5.5	
	Bifacial knife (Big Creek variant)	1 1		This Dis Court make is made forms
	Dart point (Big Creek)	I	14.2	This Big Creek point is made from a very fossiliferous and coarse textured Burlington chert and is thick just above the hafting are Considerable impact damage is apparent.

	Artifact Description	<u>Ct</u>	W(g)	Comments
	Biface stem	1	8.4	
	Bifacial drill	i	4.8	
	Projectile point/knife proximal (Big Creek)	i	11.2	
	Dart point stem (Table Rock varient)	i	1.7	•
	Preform	i	4.1	
	Arrow point (Crisp Ovate)	i	2.3	
	· · · · · · · · · · · · · · · · · ·	-		
	Dart point (White River)	1	2.4	ente i i i i i i i i i i i i i i i i i i i
	Dart point (White River)	1	2.3	Biface retherpened to a small stub. Some impact damage on tip.
	Dart point (White River)	1	2.0	
	Bifacial end acraper (Big Creek)	1	4.2	An exhausted Big Creek point was reworked into an end acraper. Some use polish can be seen on distall and which is bifacially produced by pressure.
	Stemmed biface proximal (Stone Corner Notched)	1	5.8	product ty product
	Bifacial knife proximal (Big Creek)	1	9.0	
	Bifacial knife proximal (Hanna)	i	6.3	One potlid fracture on one face and some
				beat damage on edges.
	Biface stem (Kings Corner Notched)	1	3.2	Smith and the second
	Arrow point midsection	1	3.5	This small biface is probably an early arrow point. Stem is missing so type cannot be evaluated.
	Bilacial knife proximal (Big Creek)	1	4.4	Biface broke due to inclusion of a brizosn fossil in chert.
	Bifacial drill midsection	1	0.4	
	Stemmed biface proximal (Duncas)	ī	4.0	
	Stemmed biface (Hanna)	ī	4.2	
		-	-	
	Stemmed biface proximal (Hanna) Bifacial knife midsection (Calf Creek?)	1	3.9 6.7	This specimen consists of one barb a small
23PO360				section of blade edge and a small portion of one side of stem. Possibly biface broke due to fossil crinoid sections in center of blade. Broken lengthwise and above and below shoulder.
Surface - Area B	Flat abrader	1	986.0	Elliptical shaped mano with pecked rounded
				margins. One face is convex and smoothed
				from use the other is irregular and unused.
	Abrader grooved	1	428.9	5 or 6 along another. Possibly used in awisharpening; possibly used some as preferm
	•		- '	Seven narrow grooves along one margin and 5 or 6 along another. Possibly used in awl
	Bifacial knife (Kings Corner Notched)	1	6.2	Seven narrow grooves along one margin an 5 or 6 along another. Possibly used in awl sharpening; possibly used some as preferm
	Bifacial knife (Kings Corner Notched) Dart point (Table Rock Stemmed)	1 1	6.2 7.1	Seven narrow grooves along one margin an 5 or 6 along another. Possibly used in awl sharpening; possibly used some as preferm
	Bifacial knife (Kings Corner Notched) Dart point (Table Rock Stemmed) Preform mideection	1 1 19	6.2 7.1 501.7	Seven narrow grooves along one margin and 5 or 6 along another. Possibly used in awl sharpening; possibly used some as preferm edge abrader.
	Bifacial knife (Kings Corner Notched) Dart point (Table Rock Stemmed) Preform midesction Flake scraper	1 1	6.2 7.1	Seven narrow grooves along one margin and 5 or 6 along another. Possibly used in awl sharpening; possibly used some as preferm edge abrader. This is a large decortication flake from a medium and dark gray chert possibly Sedali
	Bifacial knife (Kings Corner Notched) Dart point (Table Rock Stemmed) Preform midesction Flake scraper Bifacial knife (Kings Corner Notched)	1 1 19	6.2 7.1 501.7	Seven narrow grooves along one margin and 5 or 6 along another. Possibly used in awl sharpening; possibly used some as preferm edge abrader. This is a large decortication flake from a medium and dark gray chert possibly Sedali which has been unifacially beveled to form a scraping edge. Some use rounding and polish can be seen on the margin. Shape
	Bifacial knife (Kings Corner Notched) Dart point (Table Rock Stemmed) Preform midesction Flake scraper	1 1 19 1	6.2 7.1 501.7 71.0	Seven narrow grooves along one margin and 5 or 6 along another. Possibly used in awl sharpening; possibly used some as preferm edge abrader. This is a large decortication flake from a medium and dark gray chert possibly Sedali which has been unifacially beveled to form a scraping edge. Some use rounding and polish can be seen on the margin. Shape typical of Woodland scrapers. This biface has been resharpened several times. Type cannot be determined since the
	Bifacial knife (Kings Corner Notched) Dart point (Table Rock Stemmed) Preform midesction Flake scraper Bifacial knife (Kings Corner Notched)	1 1 19 1	6.2 7.1 501.7 71.0	Seven narrow grooves along one margin and 5 or 6 along another. Possibly used in awl sharpening; possibly used some as preferm edge abrader. This is a large decortication flake from a medium and dark gray chert possibly Sedali which has been unifacially beveled to form a scraping edge. Some use rounding and polish can be seen on the margin. Shape typical of Woodland scrapers. This biface has been resharpened several
	Bifacial knife (Kings Corner Notched) Dart point (Table Rock Stemmed) Preform mideection Flake scraper Bifacial knife (Kings Corner Notched) Bifacial knife distal	1 1 19 1	6.2 7.1 501.7 71.0	Seven narrow grooves along one margin and 5 or 6 along another. Possibly used in awl sharpening; possibly used some as preferm edge abrader. This is a large decortication flake from a medium and dark gray chert possibly Sedali which has been unifacially beveled to form a scraping edge. Some use rounding and polish can be seen on the margin. Shape typical of Woodland scrapers. This biface has been resharpened several times. Type cannot be determined since the
	Bifacial knife (Kings Corner Notched) Dart point (Table Rock Stemmed) Preform midesction Flake scraper Bifacial knife (Kings Corner Notched) Bifacial knife distal Bifacial knife (Big Creek) Bifacial knife (Rigs Corner Notched)	1 1 19 1	6.2 7.1 501.7 71.0	Seven narrow grooves along one margin and 5 or 6 along another. Possibly used in awl sharpening; possibly used some as preferm edge abrader. This is a large decortication flake from a medium and dark gray chert possibly Sedali which has been unifacially beveled to form a scraping edge. Some use rounding and polish can be seen on the margin. Shape typical of Woodland scrapers. This biface has been resharpened several times. Type cannot be determined since the

Site/Provenience	Artifact Description	Cı.	_W(g)	Comments
	Projectile point/mife (Dickson)	i	11.3	This originally was a broad bladed Dickson point. It was resharpened much removing most of the shoulders. Then finally after size was reduced greatly it was used as a dart
				point. Impact fracture is found on both faces.
	Stemmed biface proximal (Dickson)	1	6.5	Blade margins are all missing or damaged. Usually Dickson points served as knives.
	Stemmed biface proximal (Laagtry)	1	5.7	Stem too narrow for Dickson biface. All blade edges either missing or damaged so function cannot be evaluated. Most Langtry
	Bifacial knife (Rice Side Notched)	1	2.9	points served as cutting tools. Almost all of the blade margins are either missing or damaged so function cannot be evaluated.
	Stemmed biface proximal (Rice Side Notched)	1	6.5	
	Bifacial drill proximal	1	8.9	Blade is parallel-edged at break. Below break specimen expands to a convex base. Teardrop shape.
	Biface midsection	4	22.8	One fragment is from a fossiliferous dark gray chert probably Sedalia although it is listed as unknown. Fragments are too small and damaged to evaluate function.
	Bifacial knife midsection	2	17.3	
	Projectile point/knife tip	1	5.1	
	Knife/scraper distal	1	26.7	
Surface - Area A	Bifacial knife (Godar variant)	1	12.3	This biface resembles both the Middle Archaic White River and the Late Archaic Godar. However the base is not concave as in the White River. The resharpening style typical of the Late Archaic (stoping downward). The specimen seems to be an early example of the Godar type.
	Bifacial knife (Fairland-like)	1	11.2	
	Arrow point (Koster-like) Preform	1 1	2.8 7.1	Probably aborted due to breakage of base
	Bifacial knife midsection	•		and inability to thin one margin.
	Bifacial drill proximal	1	6.7 4.2	This is the oval base from a perforator. Distal part has been broken at junction of base.
3PO361				
iurface - general	Bifacial knife proximal (Stone Corner Notched var.)	1	10.5	
	Bifacial knife proximal (Big Creek)	1	15.3	
	Bifacial knife	1	3.6	Function probably has been cutting however the specimen does not seem to have been used after last resharpening.
	Stemmed biface proximal (Langtry)	1	5.7	
	Arrow point (Keota) Stemmed biface proximal (Table Rock	1 1	0.2 1.4	
	variant)	_		
	Bifacial knife midsection	2	6.7	
	Preform midsection Flat abrader	7	123.4	
23PO366	rial sorader	1	275.5	
Surface - general	Bifacial knife	1	11.5	This biface resembles the Hardin point in shape but does not have the typical workmanship and stem grinding. Stem is slightly expanding and could be a variant of
	Bifacial knife (Lanotry)	1	7 6	the Smith type.
	Bifacial knife (Langtry) Preform midsection	1 15	7.6 228.0	

Site/Provenience	Artifact Description	<u>Cı.</u>	Wt(g)	Comments
	Biface midsection	4	100	
	Bifacial knife (Smith variant)	1		The stem is smaller and narrower than is typical for Smith and left bevel on blade possibly due to being stade from a thick and cronked flake is unusual for Smith. The specimen may also be a reworked Big Creek point with tangs damaged and reworked to a parallel stemmed biface. Blade is suggestive of those found on Big Creek points.
	Projectile point/knife (Smith)	1	19.0	Probably used as dart point after resharpening reduced size. Much use polish and edge crushing on the one intact margin. impact has apparently removed one edge.
	Bifacial knife	1	8.9	,
	Bifacial knife	1	20.1	Made from heat treated Jefferson City quartile.
	Bifacial knife (Steuben)	1	7.6	1
	Bifacial knife proximal (Stone Corner Notched)	1	11.3	
	Bifacial knife (Kings Corner Notched)	1	4.6	
	Dart point stem (Table Rock variant)	1	2.0	This biface is almost exactly like the Epps point of northern Louisiana as far as morphology is concerned. However it probably is an unnamed variant of the Table Rock category.
	Bifacial kaife proximal (Table Rock variant)	1	5.5	This point also resembles the Epps type but probably is a variant of Table Rock Stemmed.
	Stemmed biface proximal (Table Rock variant)	1	2.9	S ICHAMICAL
	Bifacial knife (Langtry)	1	6.6	
	Bifacial knife proximal (Languy)	1	6.6	
	Bifacial knife (Dickson)	1	8.9	
	Bifacial knife proximal (Langtry)	1	12.6	
	Arrow point (Scallors)	1	0.5	
	Arrow point (Scallorn)	1	0.5	
	Arrow point proximal (Sequoyah) Arrow point proximal (Sallisaw)	1 1	0.5 0.6	Darker by hard Daille darker a hord
	Arrow point distal	1	0.8	Broken by heat. Pollid fracture on break.
	Arrow point midsection	i	0.9	
	Adze	1	109.9	This well shaped adze is elongated rectangular in shape with a slight taper toward the poll end. Bit features much use rounding and polish. Sides have been beavily abraded.
	Preform proximal	1	19.2	
	Bifacial end scraper proximal Bifacial knife	1	7.0	
	Stemmed biface proximal	1 2	109.7 5.2	
	Stemmed biface proximal (Langury?)	1	1.6	
	Preform proximal	î	61.1	
	Tested cobble	ī	64.0	A roughly rectangular shaped piece of chert features natural bevels on right side of each face. Two flakes have been struck from one of these bevels to test the chert.
	Preform	1	70.1	
	Preform	1	116.0	
	Aborted preform distal	1	66.3	A long lanceolate shaped preform which broke during reduction due to a brachiopod fossil in chert.
	Square sail	1	9.3	
	Core	1	131.5	
23PO370	Flat abrader	1	547.6	
Surface - general	Preform miduection	24	424.4	

Site/Provenience	Artifact Description	CL	Wi(g)	Comments
	Bifacial knife midnection	9	34.4	
	Bifacial knife mideection	11	81.6	
	Bifacial knife (Stone Corner Notched)	ï	18.1	Both shoulders have been broken and reworked to some degree. The left heveling has been taken to the center of the blade evenly so a lenticular cross section seems apparent.
	Bifacial knife (Dickson)	1	16.6	
	Projectile point/kmife (Dickson)	1	7.3	
	Bifacial knife proximal (Dickson)	1	5.6	
	Bifacial kelfe	1	11.2	This distinctive biface type features parallel sided to slightly contracting stems usually ground or dulled. Dickson (1991:94 Fig. 58) called this type CS-3 in his Albertson report. At Albertson this was a Woodland type used mostly as a dart point.
	Bifacial knife (Steuben)	1	8.2	
	Bifacial knife (Waubesa)	1	9.4	
	Bifecial knife	1	10.0	Blade of this side notched biface is asymmetrical with one side recurved and one convex. The concave area on one side seems to have been used as a spokeshave on wood while the excurvate side noems to have been used to acrape wood since the microbreakage is unifacial. Slight use polish on high points of edge compares to that produced by working wood with experimental specimens. "V" shaped side notches are unusual. Otherwise the biface resembles the Steuben type.
	Bifacial knife proximal (Stone Corner Notched var.) Stemmed biface proximal (Stone Corner	1	11.1	
	Notched)	1	10.8	
	Unstemmed biface proximal (Copens-like)	1	4.6	This essentially triangular point has been much resharpened. It seems to have originally been something like a Copena biface.
	Der point stem (White River)	1	10.0	Stem expands due to side notches but then contracts immediately below the notch as is typical with many White River bifaces. There are almost burin-like breaks on both sides where the broken blade and margin join and one shows some signs that a soft material was worked. It meems probable that the damage was caused by impact however.
	Bifacial knife proximal (Smith variant)	1	7.4	Basal notches are unusually shallow for the Smith type.
	Dart point stem (Table Rock Stemmed)	1	2.8	·/ F -·
	Bifacial knife (Table Rock variant)	i	7.1	Blade is unusually long for Table Rock type and needle-like tip is not common on Table Rock points (similar to what is often seen on Lange or Big Creek). The chort is not
				recognized but could be from the Sedalia formation being of the proper color and texture.
	Bifacial knife (Kings Corner Notched)	1	4.4	
	Bifacial knife (Kings Corner Notched) Bifacial knife (Kings Corner Notched)	1 1	4.4 6.7	formation being of the proper color and

Site/Provenience	Artifact Description	Ct.	Wt(g)	Comment
	Dart point (Kings Corner Notched?)	1	2.7	This biface is small enough to have been used for an arrow point however the thickness and width of stem suggest it was a small dart point. Kings Corner Notched points are usually Late Archaic but smaller ones seem to have survived into the Woodland. This example is probably Woodland.
	Bifacial knife proximal	1	3.6	This is a distinctive basely (rarely corner) notched biface with sweeping barbs. Basal notches slope inward to form a short expanding stem.
	Bifacial knife	1	4.2	
	Stemmed biface proximal	1	3.1	This biface may be the same as 1-23 and 1- 24 but it seems corner notched. Blade is too badly damaged to evaluate for wear.
	Bifacial knife (Stone Corner Notched var.)	1	7.0	
	Bifacial knife proximal	1	7.2	This is a flake that has been bifacially worked and given a short contracting stem with a truncated base. Use polish on existing margin.
	Knife/scraper	1	12.9	A thin and leaf shaped preform was unifacially beveled on convex proximal end and used a scraper. Some use polish on edges suggests the tool was also used as a cutting implement.
	Arrow point (Scallors)	1	0.5	
	Arrow point (Scallorn)	1	1.0	
	Arrow point (Scallors)	1	0.7	
	Arrow point (Scallors)	1	0.6	
	Arrow point (Scallors)	1	0.6	
	Arrow point (Scallorn)	1	0.6	
	Arrow point (Scallorn)	1	0.5	
	Arrow point (Scallorn)	1	0.5	
	Arrow point (Scallorn)	1	0.4	
	Arrow point (Scallorn)	1	0.5	
	Arrow point (Sequoyah)	1	0.6	
	Arrow point (Sequoyah?)	1	0.4	Although much of blade is missing the stem is more typical of Sequoyah than Scallorn.
	Arrow point (Haskell)	1	0.5	
	Arrow point (Haskell)	1	0.5	
	Arrow point (Sallisaw)	1	0.6	
	Arrow point (Sallisaw)	1	0.6	
	Arrow point (Schild)	1	1.4	
	Arrow point	1	1.6	Resembles the Koster type somewhat but stem is not as expanding and point is (lightly thicker. Fairly common in Ozark area.
	Arrow point midsection	2	1.6	
	Arrow point distal	4	1.8	
	Preform	1	9.2	
	Preform	1	3.6	
	Bifacial knife	1	8.1	The rounded tip of this tool shows much use rounding and a bright polish. This type of rounding and polish duplicated by cutting and drilling into soft stone such as tripoli or shall
	Preform	1	8.9	
	Bifacial drill	1	4.8	
	Preform proximal	1	2.2	
	Preform proximal	1	2.9	Heat √an agrd.
	Preform proximal	1	3.3	
	Preform	1	4.0	A thick decortication flake has been partly flaked but some cortex remains on one side.
	Preiorm	1	32.1	

ite/Provenience	Artifact Description	Cr	_ Wt(g)	Comments
	Hammerstone	i	117.1	A crude and thick preform of porous poor grade material has battering on one base
	Preform	1	8.6	corner indicating use as a hammerstone. Apparently preform was broken at the notching stage in that a bifurcated stem was roughly delineated. Probably a late stage preform for a Hanna point.
	Bifacial knife mideection	1	13.6	stem has been broken away just below the shoulders. Angle of notch suggests base notching and therefore a squared stem but one cannot be sure. Probably Late Archaic
	Bifacial side scraper	1	41.2	
	Flake scraper	1	49.5	
	Bifacial side scraper midsection	1	50.2	
	Bifacial side scraper proximal	1	17.4	
PO371	• •			
urfava - general	Arrow point (Cabokia)	1	1.1	A well-made Cahokia side notched point with deep side notches and small extra not in parallel sided stem portion below main notches. Made from a high grade Burlings chert possibly Crescent variety.
	Bifacial end scraper	1	38.4	obstription of the same of the same of
	Biface midsection	3	5.5	
3PO372				
urlace - general	Bifacial knife (Languy)	1	7.3	One blade margin of this biface has an angular Afton-like outline while the other margin has a strongly excurvate edge. The tip constricts sharply and ends in a sharp point.
	Bifacial knife (Langtry)	1	8.3	The morphology of biface 1-2 is ain exactly the same as 1-1: One Afton-i mangin and one excurvate edge. Sharp tip has been broken off.
	Bifacial knife proximal	1	14.2	This is the base portion of a triangular bifa with a this sed concave base morgin. Use wear polish and microbreakage suggests us of concave base like a spokeshave. Use we also noted on base edges of too!
	Preform midsection	3	24.0	The unknown chert is possibly Sedalia che
3PO373		•	4.0	The anadowa over is possibly busine the
rface - general	Preform midsection	26	297.7	
-	Biface midsection	15	71.9	
	Sand-tempered plain body sherd	1	71.9	Large thicl sherd broken into two fragmer (which fit i sgether).
	Clay-tempered cord marked rim sherd	1	39.9	
	Grit/clay-tempered plain body sherd	9	32.6	One medium sized sherd (5.3 x 3.4 x 1.0 c and eight tiny fragments constitute this sample.
	Bilacial knife midsection	U	14.4	r
	Flat a brader	1	468.2	Thin elliptical mano with one end damage Shallow pit on one face. Well shaped from sandstone.
	Flat abrader	1	341.0	Sandstone mano.
	Bif and knife (Table Rock variant)	1	9.8	This biface differs from typical Table Roc point in greater thickness and convex or bulb-like base. It resembles the Palmillas type of Texas.
	Dart point (Table Rock Stemmed)	1	3.1	
	Dart point (Table Roc:: Stemmed)	1	6.5	The stem is well ground on this typical Ta Rock point however the one intact blade edge is also ground up to the break. The other margin is damaged.
	Dart point stem (Table Rock Stemmed)	1	1.8	
	Dart point stem (Table Rock Stemmed)	1	1.0	
	Dart point stem (Table Rock Stemmed)	1	1.4	

ite/ Provenience	Artifact Description	Ct.	Wt(g)	Comments
	to be a decided and the second and the second and		6.2	
	Bifacial kaife (Table Rock Stemmed) Dart point (Table Rock Stemmed)	1	3.7	Impact fracture has eliminated the distal par and carried down one (ace to the shoulder
				damaging it. Base of stem not well thinned.
	Bifacial knife (Smith)	1	22.3	
	Bifacial kaife base (Smith)	1	3.8	
	Arrow point	1	3.2	The specimen is rather thick for an arrow point and it is possible that it could have served as a dart point. However the hafting area is rather small and it probably was an arrow point.
	Bifacial knife	1	7.3	Dickson (1991:174) reports 4 similar thin specimens from a Late Caddoan context at Albertson in northwest Arkansas.
	Dart point (Table Rock Pointed Stem)	1	10.3	Chapman (1980:313) assigns this type to the Loftin phase of the Village Farmer (Mississippi) Tradition.
	Bifacial knife (Kings Corner Notched)	1	3.6	• • • • • • • • • • • • • • • • • • • •
	Knife/scraper (Langtry or Gary)	1	9.4	Because the base part of the contracting ster is missing one cannot tell whether a Langtry or Cary biface is involved. Apparently used for both cutting of soft material and scraping of wet skins.
	Bifacial drill proximal	1	1.8	This is the eiliptical base area of perforator. Much bright polish on base due to holding i hand. Tip missing.
	Bifacial drill distal	i	1.3	
	Biface stem (Kings Corner Notched)	1	2.2	
	Stemmed biface proximal	1	11.7	Blade was apparently very wide with excurvate edges so specimen probably functioned as a knife but almost all of blade margins are gone. The wide and thin blade suggests a Woodland affiliation.
	Projectile point/knife (Grand)	1	11.3	
	Stemmed biface	1	6.5	Most of blade edges are damaged so function cannot be evaluated.
	Preform	1	3.6	
	Preform	1	37.2	
	Preform	1	13.3	
	Preform	1	0.8	
	Preform proximal	1	18.2	Preform; with notching just started. A third notch has been made in the blade about 1.5 cm above shoulder on one side. Existing blade edges have preform edge abrading. Texture of stone medium to coarse. Apparently notching ceased due to difficult of making them.
	Stemmed biface proximal	1	10.1	Specimen apparently broken late in reduction sequence. Stem roughly shaped but not finished. Almost all of margins damaged but existing areas show no use evidence.
	Bifacial knife	1	8.5	Very thin unnotched biface with evidence of use on margins. Apparently not halted.
	Bifacial side scraper/end	1	16.3	•
	Stemmed biface proximal	2	5.8	Apparently both specimens have had very slightly expanding stems and narrow slopic shoulders. Do not conform to a recognized type; and function cannot be evaluated because of fragmentary state.
	Stemmed biface proximal (Copena)	1	11.8	This type biface has more a side constriction pear the base than true notching. No evidence of wear on small amount of blade margin present. This may mean it was not used or was broken after last resharpening

	Artifact Description	Ct	Wt(g)	Comments
	Male at the design of the beauty of			
	Bilacial knife (Rice Side Notched)	1	9.2	
	Unstemmed biface	1	14.6	Apparently the base of a broad lanceolate
				biface with a concave base. Made of poor.
				quality fossiliferous obert.
	Preform proximal	1	5.4	
	Bifacial knife	1	20.7	One blade margin is convex the opposite is
				conceve. Base is slightly convex.
				Apparently not hafted.
	Bifacial knife proximal (Copena)	1	17.6	Biface badly damaged. More of a
	(•	•	constriction than true notching near base.
	Stemmed biface (Copens)	1	8.4	
	Unifacial side scraper proximal	1	26.4	Typical of Middle Woodland although
	Calculation scrape, providing	•	20.4	similar specimens are found in Late
				Woodland.
	Differential besides altered		0.7	W GOO LE DO.
	Bifacial knife distal	1	8.5	
	Preform proximal	1	86.5	
	Preform	1	55.6	
	Preform	1	1.3	
	Stemmed biface proximal	1	2.0	
	Stemmed biface proximal	1	5.5	This notched fragment is difficult to analyz
	·			Looked at from one angle it seems to be
				basely notched similar to the Quachita pois
				but with shallower notches. Looked at from
				another angle it resembles a corner notched
	Assessment Afficial Company			Gibson point but it is too thick.
	Arrow point (Scallors)	1	0.6	
	Arrow point (Scallora)	1	0.6	
	Arrow point (Scallore)	1	1.2	
	Arrow point (Scallorn)	1	1.0	
	Arrow point (Scallorn)	1	0.6	
	Arrow point (Scallore)	1	0.7	
	Arrow point (Scallom variant)	1	0.6	
	Arrow point (Scallors)	1	0.5	
	Arrow point (Scallorn)	i	0.5	
	Arrow point (Alba?)	1	0.3	This small maint is modially flabad as and
	raiow polar (rabar)	•	0.5	This small point is partially flaked on one
				face only. It may have been resharpened
				since the shoulders flare straight out from
				above the notches. The stem is bulb-like
				suggestive of the Alba type.
	Arrow point	1	8.0	
	Алтом роіві	1	8.0	This arrow point differs from Scallorn in
	Arrow point	1	0.8	This arrow point differs from Scallorn in having a longer stem which is parallel for
	Arrow point	1	0.8	This arrow point differs from Scallorn in having a longer stem which is parallel for two thirds of its length below the shoulders
	·			This arrow point differs from Scallorn in having a longer stem which is parallel for two thirds of its length below the shoulders before flaring out.
	Arrow point	1	0.8	This arrow point differs from Scallorn in having a longer stem which is parallel for two thirds of its length below the shoulders before flaring out. This point is made on a curved flake that
	·			This arrow point differs from Scallorn in having a longer stem which is parallel for two thirds of its length below the shoulders before flaring out. This point is made on a curved flake that was worked unifacially. Crude
	Arrow point	1	1.2	This arrow point differs from Scallorn in having a longer stem which is parallel for two thirds of its length below the shoulders before flaring out. This point is made on a curved flake that
	Arrow point stem (Scallorn?)	1	1.1	This arrow point differs from Scallorn in having a longer stem which is parallel for two thirds of its length below the shoulders before flaring out. This point is made on a curved flake that was worked unifacially. Crude workmanship. Possibly never used.
	Arrow point	1	1.2	This arrow point differs from Scallorn in having a longer stem which is parallel for two thirds of its length below the shoulders before flaring out. This point is made on a curved flake that was worked unifacially. Crude workmanship. Possibly never used. Two midsections from arrow points with
	Arrow point stem (Scallorn?) Arrow point midsection	1 2	1.1 0.4 2.4	This arrow point differs from Scallorn in having a longer stem which is parallel for two thirds of its length below the shoulders before flaring out. This point is made on a curved flake that was worked unifacially. Crude workmanship. Possibly never used.
	Arrow point stem (Scallorn?) Arrow point midsection Arrow point distal	1	1.1	This arrow point differs from Scallorn in having a longer stem which is parallel for two thirds of its length below the shoulders before flaring out. This point is made on a curved flake that was worked unifacially. Crude workmanship. Possibly never used. Two midsections from arrow points with
	Arrow point stem (Scallorn?) Arrow point midsection Arrow point distal Preform	1 2	1.1 0.4 2.4	This arrow point differs from Scallorn in having a longer stem which is parallel for two thirds of its length below the shoulders before flaring out. This point is made on a curved flake that was worked unifacially. Crude workmanship. Possibly never used. Two midsections from arrow points with
	Arrow point stem (Scallorn?) Arrow point midsection Arrow point distal	1 1 2	1.1 0.4 2.4 0.2	This arrow point differs from Scallorn in having a longer stem which is parallel for two thirds of its length below the shoulders before flaring out. This point is made on a curved flake that was worked unifacially. Crude workmanship. Possibly never used. Two midsections from arrow points with
3PO374	Arrow point stem (Scallorn?) Arrow point midsection Arrow point distal Preform	1 1 2 1 1	1.1 0.4 2.4 0.2 2.8	This arrow point differs from Scallorn in having a longer stem which is parallel for two thirds of its length below the shoulders before flaring out. This point is made on a curved flake that was worked unifacially. Crude workmanship. Possibly never used. Two midsections from arrow points with
	Arrow point stem (Scallorn?) Arrow point midsection Arrow point distal Preform	1 1 2 1 1	1.1 0.4 2.4 0.2 2.8 6.4	This arrow point differs from Scallorn in having a longer stem which is parallel for two thirds of its length below the shoulders before flaring out. This point is made on a curved flake that was worked unifacially. Crude workmanship. Possibly never used. Two midsections from arrow points with
	Arrow point stem (Scallorn?) Arrow point midsection Arrow point distal Preform Preform	1 2 1 1 1 1 1	1.1 0.4 2.4 0.2 2.8 6.4	This arrow point differs from Scallorn in having a longer stem which is parallel for two thirds of its length below the shoulders before flaring out. This point is made on a curved flake that was worked unifacially. Crude workmanship. Possibly never used. Two midsections from arrow points with
	Arrow point stem (Scallorn?) Arrow point midsection Arrow point distal Preform Preform Preform Preform	1 2 1 1 1 1 1 1 1	1.1 0.4 2.4 0.2 2.8 6.4 146.0 151.9	This arrow point differs from Scallorn in having a longer stem which is parallel for two thirds of its length below the shoulders before flaring out. This point is made on a curved flake that was worked unifacially. Crude workmanship. Possibly never used. Two midsections from arrow points with
	Arrow point stem (Scallorn?) Arrow point midsection Arrow point distal Preform Preform Preform Preform Preform Preform	1 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1.1 0.4 2.4 0.2 2.8 6.4 146.0 151.9 190.2	This arrow point differs from Scallorn in having a longer stem which is parallel for two thirds of its length below the shoulders before flaring out. This point is made on a curved flake that was worked unifacially. Crude workmanship. Possibly never used. Two midsoctions from arrow points with serrated blade edges.
3PO374 ur(ace - general	Arrow point stem (Scallorn?) Arrow point midsection Arrow point distal Preform Preform Preform Preform	1 2 1 1 1 1 1 1 1	1.1 0.4 2.4 0.2 2.8 6.4 146.0 151.9	This arrow point differs from Scallorn in having a longer stem which is parallel for two thirds of its length below the shoulders before flaring out. This point is made on a curved flake that was worked unifacially. Crude workmanship. Possibly never used. Two midsections from arrow points with serrated blade edges. One excurvate margin shows use polish
	Arrow point stem (Scallorn?) Arrow point midsection Arrow point distal Preform Preform Preform Preform Preform Preform	1 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1.1 0.4 2.4 0.2 2.8 6.4 146.0 151.9 190.2	This arrow point differs from Scallorn in having a longer stem which is parallel for two thirds of its length below the shoulders before flaring out. This point is made on a curved flake that was worked unifacially. Crude workmanship. Possibly never used. Two midsoctions from arrow points with serrated blade edges. One excurvate margin shows use polish rounding and microbreakage typical of
	Arrow point stem (Scallorn?) Arrow point midsection Arrow point distal Preform Preform Preform Preform Preform Preform	1 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1.1 0.4 2.4 0.2 2.8 6.4 146.0 151.9 190.2	This arrow point differs from Scallorn in having a longer stem which is parallel for two thirds of its length below the shoulders before flaring out. This point is made on a curved flake that was worked unifacially. Crude workmanship. Possibly never used. Two midsections from arrow points with serrated blade edges. One excurvate margin shows use polish rounding and microbreakage typical of butchering. The opposite blade edge is
	Arrow point stem (Scallorn?) Arrow point midsection Arrow point distal Preform Preform Preform Preform Preform Preform	1 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1.1 0.4 2.4 0.2 2.8 6.4 146.0 151.9 190.2	This arrow point differs from Scallorn in having a longer stem which is parallel for two thirds of its length below the shoulders before flaring out. This point is made on a curved flake that was worked unifacially. Crude workmanship. Possibly never used. Two midsections from arrow points with serrated blade edges. One excurvate margin shows use polish rounding and microbreakage typical of butchering. The opposite blade edge is
	Arrow point stem (Scallorn?) Arrow point midsection Arrow point distal Preform Preform Preform Preform Preform Preform	1 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1.1 0.4 2.4 0.2 2.8 6.4 146.0 151.9 190.2	This arrow point differs from Scallorn in having a longer stem which is parallel for two thirds of its length below the shoulders before flaring out. This point is made on a curved flake that was worked unifacially. Crude workmanship. Possibly never used. Two midsections from arrow points with serrated blade edges. One excurvate margin shows use polish rounding and microbreakage typical of butchering. The opposite blade edge is
	Arrow point stem (Scallorn?) Arrow point midsection Arrow point distal Preform Preform Preform Preform Preform Preform	1 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1.1 0.4 2.4 0.2 2.8 6.4 146.0 151.9 190.2	This arrow point differs from Scallorn in having a longer stem which is parallel for two thirds of its length below the shoulders before flaring out. This point is made on a curved flake that was worked unifacially. Crude workmanship. Possibly never used. Two midsections from arrow points with serrated blade edges. One excurvate margin shows use polish rounding and microbreakage typical of butchering. The opposite blade edge is concave and unifacially beveled. Damage unifacial indicating a scraping of firm
	Arrow point stem (Scallorn?) Arrow point midsection Arrow point distal Preform Preform Preform Preform Preform Preform	1 2 1 1 1 1 1	1.1 0.4 2.4 0.2 2.8 6.4 146.0 151.9 190.2 25.9	This arrow point differs from Scallorn in having a longer stem which is parallel for two thirds of its length below the shoulders before flaring out. This point is made on a curved flake that was worked unifacially. Crude workmanship. Possibly never used. Two midsections from arrow points with serrated blade edges. One excurvate margin shows use polish rounding and microbreakage typical of butchering. The opposite blade edge is concave and unifacially beveled. Damage
	Arrow point stem (Scallorn?) Arrow point midsection Arrow point distal Preform Preform Preform Preform Preform Preform Preform Preform Preform	1 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1.1 0.4 2.4 0.2 2.8 6.4 146.0 151.9 190.2	This arrow point differs from Scallorn in having a longer stem which is parallel for two thirds of its length below the shoulders before flaring out. This point is made on a curved flake that was worked unifacially. Crude workmanship. Possibly never used. Two midsections from arrow points with serrated blade edges. One excurvate margin shows use polish rounding and microbreakage typical of butchering. The opposite blade edge is concave and unifacially beveled. Damage unifacial indicating a scraping of firm

Site/Provenience	Artifact Description	Ct.	Wt(g)	Comments
	Bifacial knife (Afton variant)	1	8.6	This has the typical angular blade edges of the Afton type but the shoulders are unusually parrow and the stem more square than is usual. Very little use wear in the lower concave areas but much use polish and rounding on the tip margins above this. Possibly the haft binding was also in the concave area just above the shoulders and the blade originally was much longer. Enigmatic biface.
	Bifacial knife (Lander Corner Notched)	1	8.2	
	Bifacial end scraper	1	38.3	Both ends of an ovate biface have been unifacially beveled and used as scrapers. Some use polish on unbeveled sides.
	Bifacial end scraper	1	36.1	Much resharpened. Not much use polish or rounding on margins. Apparently not used much after last resharpening.
	Preform midsection	1	33.4	
	Flake knife	1	28.1	An elongated large blade-like flake has much damage on margins indicative of arduous cutting of a hard substance probably bone or antier.
	Bifacial knife (Rice Side Notched)	1	11.4	This specimen has apparently been much rechargened. Only slight pollsh on blade edges indicates little use since last resharpening.
	Bilecial knife (Rice Side Notched)	1	10.1	
23PO375	Bifacial knife (Stone Corner Notched var.) Bifacial knife (Edgewood)	1 1	8.2 7.8	
Surface - general	Sandstone & bematite	1	38.7	This is basically a piece of coarse sandstone with quartz sand grains cemented together with ferric material. A thin layer of bematite is noted on one face. This surface is polished possibly from handling. Probable battering at ends may mean the item was used with flint as a fire starting device.
	Bifacial knife (Waubesa)	1	12.5	
	Bifacial knife (Waubesa or Langtry)	1	10.8	Proximal portion of stem missing so exact type cannot be stated.
	Bifacial knife proximal (Dickson)	1	7.5	Only 1.2 cm of blade edge intact but wear or this suggests use as a butchering tool. Biface has been much resharpened & width much reduced.
	Knife/scraper (Lander Corner Notched)	1	19.4	Blade has been resharpened toward the tip and this area shows some polish and microbreakage typical of butchering. The lower blade margins feature a distinct rounding and bright polish typical of scraping of dry hide.
	Dart point stem (Stone Corner Notched)	1	6.3	
	Stemmed biface proximal (Stone Corner Notched)	1	8.0	
	Bifacial end scraper distal	1	32.6	The distal half of a preform has been unifacially beveled to serve as acraper. After last resharpening tool has only been used a limited amount for use polish is light.
	Bifacial knife midsection	1	17.4	Biface probably had a parallel stem because one short barb was formed by a base notch. The other shoulder and all of the stem are missing. Specimen is thin.
	Bilacial knife midsection	3	29.1	
	Preform mideration	2	43.5	
	Preform midsection Flake scraper Unifacial side scraper midsection	2 1	43.5 17.1 35.0	

ite/Provenience	Artifact Description	Cı.	Wt(g)	Commens
	Corc	1	60.9	
	Arrow point (Sallisaw)	i	0.9	
3PO376	(2.0.1 pour (0.2)	_		
urface - general	Bifacial kaife proximal (Fairland variant)	1	6.5	
_	Stemmed biface (Dickson)	1	8.9	
	Bifacial kaife (Hardin variant)	1	6.0	This biface has the Hardin shape and groun stem but the edges are not as carefully pressure flaked as typical for the Early Archaic specimens. These are probably Middle Archaic in age.
	Stemmed biface proximal	1	2.0	
	Biface midsection	3	20.8	
	Bifecial knife midection	3	30.6	
	Preform midaection	3	46.0	
3PO377	The of the section	20	##A A	
urface - general	Preform midsection	28	550.9	
	Biface midsection	22	174.7	
	Bifacial knife midsection	4 2	10.2 4.4	
	Stemmed biface edge Axe, 3/4 grooved	1	1268.6	
	Adze (Sedalia-like)	1	68.3	This is an adze typical of the type associate
	Add (State-list)	•	00,5	with the Sedalia Complex made from collit Jefferson City chert. Much buttering on bit Also there is some polish well up on the blade which resembles soil gloss so the too may have been used in digging too.
	Preform	1	99.8	,
	Preform	1	187.0	
	Preform	1	153.1	
	Preform	1	137.0	
	Preform	1	104.2	
	Préform (Smith)	1	92.9	This significant artifact is the preform for a Smith cutting implement. The base has be thinned and the notches removed. However the blade is thick and roughed out with irregular percussion. This informs about the manufacturing sequence in this Smith example: the base was finished and notched before the blade reduction was developed.
	Bifacial knife (Smith)	1	25.2	
	Bifacial knife midsection (Smith?)	1	16.8	This is a midsection fragment containing o abort harb (the other broken) no stem and a cm of blade margin. Some use rounding an notice on avietics adors.
	अंदिनात वसी	:	18.8	polish on existing edge.
	Bifacial knife	i	6.1	The workmanship on this square stemmed
		=	-	type is far superior to that noted on Smith Stone Square Stemmed etc. Fine pressure flaking finished and resharpened the biface
	Projectile point/knife (Table Rock Stemmed)	1	7.0	
	Bifacial knife (Table Rock Pointed Stem?)	1	10.1	The small portion of stem still intact sugge a narrow contracting form or Table Rock Pointed Stem.
	Kaife/scraper	1	2.0	A small biface with rounded very thin tip and small narrow stem. Much polish and slight rounding on tip indicating contact w a soft material probably flesh without bone contact. Brightness of some polish suggest some use as scraper or deflesher.
	Bifacial knife	i	11.2	This contracting stem form has no shoulde there is a continuous contraction from the junction of blade and stem to the rounded base. Dickson (1991:76) recovered a comparable biface in a Late Archaic conte at the Albertson site.

Site/Provenience	Artifact Description	CL.	Wt(g)	Commens
	Bifacial knife (Dickson)	1	7.9	This point has been resharpened to exhaustion with blade incurved and a short point at the dir rale and. This short tip may also have been used to perforate soft material sin-some use polish is present on it. The wide shoulders have been broken off.
	Bifacial knife proximal (Dickson)	1	7.5	
	Projectile point/knife (Standlee)	1	13.0	Apparently used as dart noint after resharpening reduced size
	Bifacial knife (Lauguy)	1	8.2	
	Bifacial knife proximal (Langury)	1	6.9	
	Knife/scraper proximal (Rice Side Notched)	i	10.7	
	Stemmed biface proximal (Rice Side Notched)	1	4.2	
	Bifacial knife proximal (Rice Side Notched)	1	6.7	Specimen is exhausted. Resharpening has removed all shoulders and essentially all of blade is missing. Stem cannot be measured.
	Bifacial knife (Table Rock variant)	1	2.4	•
	Arrow point stem	i	1.3	
	Bilacial knife proximal (Stone Corner Notched var.)	1	13.0	
	Bifacial knife (Afton)	1	7.8	The angular blade margin typical of Afton is seen only on one side. "his angle has been removed by resharpening on the opposite blade margin. Small Afton point.
	Dart point stem (Stone Corner Notched var.)	1	8.7	Company of the compan
	Bifa = stem (Big Creek)	i	9.4	
		i	8.0	
	Stemmed biface (Big Creek)	i	5.2	
	Bifacial knife (Big Crock variant)	i	15.5	
	Stemmed biface proximal (Smith) Bifacial knife	1	5.6	This type of biface was found in a Late Archaic context at the Albertson shelter (Dickson 1991: 77) where it was labeled LA-5 and functioned as a cutting tool.
	Projectile point/knife	1	9.1	One shoulder both tangs and the tip are missing and a chunk is missing from one blade margin. Some use polish can be seen and probable impact fracture is noted on the tip. Shallow side notches were placed above a convex base. Point is not very diagnostic. Possibly it is Middle Archaic but not sure.
	Arrow point (Scallorn)	1	1.3	•
	Arrow point (Sequoyah)	1	0.9	
	Arrow point (Scallora)	1	0.7	
	Arrow point (Fresno)	ī	1.1	
	Arrow point distal	ī	0.3	
	Hematite	i	27.0	
	Flat abrader	ī	764.2	D-shaped milling stone or mano of hard purple sandstone. Edges pecked one side amouthed.
	Preform	1	17.1	
	Preform	i	40.8	
	Bifacial knife (Red Ochre variant)	i	35.9	A good example of the Red Ochre except for the slightly convex base. Red Ochre bifaces usually have flat base. Much use rounding and polish on edges.
	Preform	4	46.3	
	: returm	-	₩,,,	
	Biferial and accorder	1	117	
	Bifacial end scraper Bifacial end scraper distal	1 1	13.7 9.8	

Site/Provenience	Artifact Description	Cı.	WK(K)	Commens
	Unifacial end scraper	1	61.5	Each end of a small tabular piece of chert has been unifacially beveled. The last use come end has been to acrape a gritty substance possibly dried pottery. The edge is smoother and rounded but with no microbreakage. The opposite end has seen less use for a similar purpose.
	Unifacial side scraper distal	1	40.7	
	Chert notched	1	11.5	
23PO378				
Surface - general	Preform midsection	8	91.6	
	Bifacial knife (Stone Corner Notched var.)	1	5.3	
	Preform proximal	1	2.9	
	Biface stem	1	4.6	
23.003.40	Bifacial knife proximal	1	4.2	
23PO379	Different builty (County)	,	12.0	
Surface - general	Bifacial knife (Grand)	1	12.0	
	Bifacial knife proximal (Big Creek)	1	10.1 6.6	
	Dart point stem (White River)	1	3.0	Change of an administration with the
	Stemmed biface proximal	1	3.0	Shape of specimen is triangular with tip gone. Some edge abrading and polish from rubbing on face. Could be either the base of a perforator or the exhausted remnant of a completely exhausted cutting implement.
	Bifacial knife mideection	2	25.1	
23PO380 Surface - general	Stemmed biface proximal (Dalton)	1	2.9	This is the proximal 1.9 cm of hafting area. Both tangs damaged. Heavily ground stem
				margins.
	Projectile point/knife (Big Creek)	1	16.0	_
	Stemmed biface proximal (Big Creek)	1	15.1	
	Biface stem (Big Creek)	1	5.6	
	Stemmed biface proximal (Table Rock variant)	1	3.5	
	Bifacial knife proximal (Smith)	1	18.4	
	Bifacial knife (Waubesa)	1	16.8	
	Bitacial knife proximal	1	18.7	
	Preform midsection	5	96.5	
	Bifacial knife (Rice Side Notched) Bifacial knife (Rice Side Notched?)	1	8.1	
		1	9.3	
	Projectile point/knife (Rice Side Notched) Dart point stem	1 1	6.9 6.0	Balant man manhables and an arrange of best
	Dat polar sea	•	6.0	Point was probably square stemmed but shoulders are gone and impact fracture intrudes into atem area. Length of stem cannot be determined.
	Preform	1	55.1	
	Adeze	1	60.1	
44D0464	Adze midsection	1	26.4	
23PO381	but it is a many many as a second			
Surface - general	Bifacial knife (Rice Side Notched)	1	7.8	
	Bifacial knife (Dalton variant)	1	11.9	Net 11. Ale -
	Bifacial knife distal Preform	10	64.3	Miscellaneous biface fragments.
		19	616.3	
	Bifacial knife midsection Biface stem	4	23.7	
	Preform distal	3 8	14.8	
	Preform proximal	8 1	118.4 17.1	
	Bifacial knife	1	17.1 10.6	
	Bifacial knife proximal	1	25.0	Unfinished preform for a contracting stem biface.
	Preform	1	3.5	Arrow point preform.
	Preform	1	3.8	This is a small bipointed preform similar to those used for Nodena points. However this is northwest of the area where Nodena point are frequently found.

ite/Provenience	Artifact Description	C1.	Wt(g)	Comments
	Bifacial knife	1	83.7	A very thick and crude percussion flaked biface with some abrasion and use polish appearing on irregular margins.
	Adze	1	71.1	abbenting on the Beat mer Bress
	Flake scraper	1	16.1	A medium thick egg-shaped decortication flake has had all margins unifacially pressure flaked to produce a scraper. It is wider than most Late Prehistoric scrapers and thus is prohably of Woodland origin. Use rounding is distinct in places and polisi can be seen on all parts of the margin.
	Unifacial end scraper	1	18.4	Not used much.
	Bilacial kaife	1	34.9	This lanceolate biface is parallel sided mos- of its length and then tapers to a rounded point. It probably has been hafted.
	Bifacial knife (Stone Corner Notched)	1	16.3	
	Bifacial knife (Smith?)	1	19.7	
	Bilacial knife (Ensor)	1	6.5	
	Dart point (Big Creek)	1	10.0	
	Bifacial knife (Ensor)	1	7.0	All but small section of blade margin damaged or missing. Heat-produced pollid fracture on one face.
	Bifacial knife proximal (Steuben)	1	7.9	
	Bifacial knife (Table Rock Pointed Stem)	1	6.1	
	Bifacial knife (Table Rock Pointed Stem)	1	5.5	
	Bifacial knife proximal (Smith-lik-)	1	9.3	
	Bifacial knife	1	3.0	This biface is small enough to be classified as an arrow point but the stem is thicker the usual for arrow point. The shape resembles the Fairland of the Late Archaic and it may be a small much resharpened example.
	Dart point	1	2.8	An example of this small biface was found a Middle Woodland context at Albertson (3BE174) (Dickson 1991:95). Specimen features a short bifurcated stem and originally had long barbs.
	Dart point	1	2.2	This is the same type as 1-28 and was also used as a dart point.
	Stemmed biface proximal (Kings Corner Notched)	1	2.8	This is a very small Kings Corner Notched point and may be Woodland in age. The blade margins are too damaged to evaluate for function.
	Bifacial knife proximal	1	3.1	This is a very small biface with beveled blade and small square stem (damaged) this as narrow as many arrow point stems.
	Bifacial knife proximal	1	10.1	A very short parallel stem and thick crudel worked blade.
	Bifacial knife proximal	1	6.8	This biface has a very long and narrow but crudely made stem.
	Bifacial knife midsection (Big Creek or Stone Corner Notched)	1	12.3	
	Bifacial knife midsection	1	11.4	
	Bifacial drill	1	5.3	A side-notched biface has been broken at a angle and reworked into a perforator.
	Arrow point (Reed)	1	3.6	
	Arrow point (Reed)	1	0.5	
	Arrow point (Washita peno)	1	0.6	
	Arrow point (Fresno variant)	1	0.6	
	Arrow poin (Scaliors coryell)	1	2.0	
	Arrow point (Scallors coryell)	1	0.6	
	Arrow point (Scallors sattler)	1	0.5	
	Arrow point (Scallorn eddy)	1	0.8	
	Arrow point (Scallorn eddy)	1	0.4	
	Arrow point (Scallors sat 'er)	1	0.6 1.0	
	Arrow point (Sequoyah)	1		

Site/Provenience	Artifacts collected b	CL	Wrg)	Comments
SHEFTTOVERHEUGE	Artifact Description			Constant
	Arrow point (Sequoyah)	1	0.6	
	Arrow polat (Sequoyah)	1	0.7	
	Arrow point (Sequoyah)	1	0.7	
	Arrow point (Scallorn coryell)	1	1.4	
	Arrow point midsection	1	0.8	
	Arrow point tip	1	1.0	
	Arrow point tip	1	0.6	
23PO382				
Surface - general	Projectile poia/knife (Dickson variant)	1	12.1	This biface resembles the Dickson point except for more stem grinding than is typical and the deeply concave truncated contracting stem.
	Bifacial knife tip	4	14.2	
	Biface midsection	1	6.8	
	Preform proximal	1	51.8	Very wide and thin.
	Adze fragment distal	i	22.6	This adze is probably Woodland since the
	And Degener post	•	20.0	shape is typical of that time period and the chert is heat treated.
	Knife/scraper distal	1	14.2	One bifacially beveled margin abows some
		•	•	use as a cutting tool; the other edge unifacially beveled has been used as a scraper.
	Projectile point/knife (Smith)	1	16.6	•
	Dart point stem (Table Rock variant)	1	4.7	Impact scar extends into stem. All of blade edges damaged.
	Bifacial knife	1	10.5	Stem is formed by breaks along side at
		٠		proximal end. Blade is asymmetrical and damaged by bone contact. Rather nondescript biface.
23PO383	N- 4-		000 3	
Surface - general	Preform	61	909.3	
	Biface midsection	12	63.3	
	Bifacial knife tip	11	55.4	
	Chopper	1	175.7	Stream cobble has been bifacially altered to produce two chopping edges. Some use battering appears on one edge. Some cortex remains on both faces.
	Bifacial knife	1	31.7	This is the base half of a large leaf-shaped biface.
	Unifacial end scraper	1	13.3	A saub-goed scraper.
	Bifacial knife proximal	1	19.5	
	Bifacial knife proximal	1	21.5	
	Bifacial drill proximal	i	3.3	A portion of the base and midsection from a
	Duscas with proximal	•	٠.5	•
	Bifacial drill proximal	1	10.0	ovate(?) perforator. The round base and 2 cm of parallel sided
				perforator. These parallel sides are well ground or abraded by intent or use.
	Dart point (Godar)	1	10.2	-
	Bifaciat knife	1	9.1	
	Stemmed biface proximal (Kings Corner Notched)	1	4.8	
	Dart point (Kings Corner Notched)	1	4.8	
	Bifacial knife (Kings Corner Notched)	1	4.7	
	Projectile point/knife proximal (Kings Corner Notched)	1	3.7	
	Projectile point/knife (Kings Corner Notched)	1	2.2	This is a Kings Corner Notched biface small enough to have served as an arrow point. However it probably was a small dart point also used slightly as a cutting tool.
	Bifacial knife (Kings Corner Notched)	1	2.7	This is a very small Kings Corner Notched biface probably Late Woodland apparently used as cutting tool. Made from glassy high grade Jefferson City obert.
	Steramed biface proximal (Kings Corner Notched)	1	1.7	Breen serieison (NA cheir

e/Provenience	Artifact Description	_ <u>Cr_</u>	Wt(g)	Comments
	Dart point (Kings Corner Notched var.)	1	2.3	These small examples of Kings Corner Notched feature much shorter stems and smaller size than do Late Archaic examples Some are small enough to have served as arrow points.
	Bilacial knife (Kings Corner Notched var.)	1	2.2	
	Bifacial knife (Kings Corner Notched var.)	1	2.4	
	Projectile point/knife (Kings Corner Notched var.)	1	2.3	
	Bifacial knife (Kings Corner Notched var.)	1	2.0	
	Stemmed biface proximal (Kings Corner Notched var.)	1	33.3	
	Bifacial knife (Kings Corner Notched var.)	1	2.2	
	Bifacial knife (Fairland variant)	1	2.5	This small cutting implement has the shape of a Fairland biface but it is much smaller it size than is typical. Resharpening has reduced size somewhat however.
	Dart point (Kings Corner Notched var.)	1	2.2	
	Stemmed biface proximal (Table Rock variant)	1	1.9	A small specimen.
	Stemmed biface proximal (Table Rock variant)	1	1.6	This biface has unusually short stem for Table Rock type and barbs are rare on the type too. All of blade edges damaged or missing so function cannot be evaluated.
	Biface midsection (Kings Corner Notched?)	1	2.2	Point is broken just above shoulders and below them. Narrow neck and long barbs are typical of Kings Corner Notched.
	Arrow point (Scallofa sattler)	1	0.7	This small arrow point is a diminutive copy of Kings Corner Notched bifaces. Size and technique of manufacture suggests Late Woodland.
	Arrow point (Sequoyab)	1	1.1	A small portion of proximal part of base is missing. An attempt has been made to rework it.
	Bifacial knife (Waubesa)	1	7.9	
	Projectile point/knife	1	8.2	A Middle Archaic square stemmed point resharpened to exhaustion.
	Dart point	1	2.2	Specimen with short squared stem has been resharpened to exhaustion. Last use seems have been as a dart point.
	Bifacial end scraper proximal (Big Creek)	1	6.3	A Big Creek point has been broken at the aboulders leaving only the stem. The base has been unifacially beveled and used as a scraper.
	Bifacial knife proximal	1	3.0	Specimen badly damaged by heat (pollid fracture) and by breakage. Original shape and type cannot be determined.
	Stemmed biface proximal (Smith?)	1	14.8	Specimen was probably a cutting tool brok by heat (potlid fractures). Last use was as scraper of a soft but gritty material such as soft stone or even hard clay.
	Bifacial knife proximal	1	12.2	TOUR OF STOR MALE LAST.
	Dart point proximal (Smith variant)	i	8.9	
	Bifacial knife proximal	1	10.1	
	Biface stem	2	15.7	
	Bifacial kulfe midsection	1		
		-	3.0	
	Preform	1	17.8	
	Preform	1	7.9	
	Preform	1	19.6	
	Bifacial end acraper	1	16.3	A broken preform has been unifacially worked on the proximal end to form a
	Flake scraper	1	\$.6	scraper. A roughly rectangular shaped end of a flak has use wear around three margins. The other margin is a break.

Site/Provenience	Artifact Description	CL	We(g)	Comments
23PO384	***IA		444	
Surface - general	Bilacial knife	1	34.8	
	Bifacial kulfe (Stone Corner Notched) Bifacial kulfe proximal (Castroville-like)	1	11.3 5.7	
	Bifacial knife tip	1	8.4	The broad heat treated well made biface tip
	Ditacidi Emite ab	•	0.4	suggests Woodland.
23PO385	44.4		45.4	ments and the standard matter Att
Surface - general	Kaife/scraper (Snyders)	1	20.7	This was a large this Sayders point. All original margins are missing but one section margin has been reworked unifacially and used as a scraper.
	Bifacial knife tip	2	13.9	
	Biface stem	1	2.4	
	Preform proximal	2	28.2	
	Bifacial drill proximal	1	7.5	This perforator has a "D-shaped" base with the flat part of the "D" serving as the proximal part.
	Preform proximal	1	46.5	proxime, per
23PO386	Different a broadfar man alternal	•	10.0	A market of a man Caste Middle Assets to
Surface - general	Bifacial knife proximal	1	10.9	A portion of a rare Early Middle Archaic biface with deep base potches a recurved base rounded shoulders and thin excurvate blade. Marshall (1958:161) illustrates an example as K8.
	Projectile point/knife (Hardin)	1	16.3	The Hardin point is common along the Mississippi River but is rare in the Stockton area.
	Bifacial knife stem (Gibson)	1	8.8	Usual function for Gibson point.
	Hammerstone	i	260.6	A much used and very round hammerstone
	Bifacial knife distal	2	17.7	made from a very hard sandstone.
	Preform edge	2	16.0	
	Mussel shell	1	38.3	Large fragment from a thick mussel shell
23PO387				with eroded surface.
Surface - general	Biface stem	1	7.8	This could be from a Langtry or Dickson biface.
	Preform midsection	2	27.4	
	Hematite	1	47.6	Part of it has been ground and polished and part has been flaked. It may have broken from an axe or other tool and was reworked by knapping.
23PO388	Bifacial knife distal	1	5.1	-,,
Surface - general	Preform midsection	11	180.3	
- Broom	Preform base	3	62.3	
	Bifacial knife (Marcos-like)	1	13.6	
	Biface midsection	ż	10.3	
	Dart point proximal (Kings Corner Notched)	1	4.2	
	Biface tip	4	26.9	
	Biface stem (Big Creek)	1	6.5	
	Stemmed biface proximal (Table Rock variant)	1	1.9	
	Bifacial knife	1	9.1	
	Stemmed biface proximal	1	3.9	
	Stemmed biface proximal (Fairland variant)	1	2.9	
	Bifacial knife (Standlee)	1	13.9	
	Preform	1	14.2	
			0.7	
	Arrow point (Sequoyah variant)	1		
2320389	Arrow point (Sequoyah variant) Arrow point (Sequoyah variant)	1	1.1	
23PO389 Surface - general	• • • • • • • • • • • • • • • • • • • •	-		

APPĒNDIX A

Site/Provenlence	Artifact Description	CL	Wi(g)	Comments
	Bifacial knife	1	 0	Unnamed type with stem more basely concave than Langtry and less shouldered. Similar points were recovered from Woodland levels at the Albertson site (3BE174)(Dickson 1991:94-96).
	Bilacial knife (Kings Cornet Notched)	1	4.2	
	Bifacial knife	1	7.7	
	Preform midsection	2	17.8	
	Bifacial knife midsection	2	10.1	
23PO390		•		
Surface - general	Bifacial knife distal	1	20.6	
antrace - Reperat		-	87.5	
	Preform midsection	4		
	Bifacial knife distal	1	5.9	
3PO391				
Surface - general	Bifacial knife	1	5.7	Unusual biface with angular base notches forming a short stem with a recurved base. Probably Archaic but examples have not been found in dated context.
	Preform midsection	4	77.5	
	Bifacial knife	1	3.7	This biface does not fit into any named type.
				It features characteristics of the Table Rock point but has a more expanding stem. It also resembles the Steuben point except the notches are too narrow.
	Bifacial knife protimal (Fairland)	1	3.9	
	Stemmed biface proximal	1	2.5	The low side notches are deepest near the shoulders.
	Blace midsection	2	11.8	Each fragment has one notch in it but it is unclear regarding other notches or even shape.
23PO394	Bifacial drill midsection	1	1.0	
Surface - general	Full grooved axe	1	321.0	Axe made from a very hard sandstone. Groove averages 1.3 cm wide and 0.3 cm deep.
	Flat abrader	1	530.2	Well made from sandstone. One end damaged.
	Limestone	1	132.2	Rounded piece of weathered limestone roughly shaped like a celt.
	Unmodified tripoli	1	229.2	A rounded stream tumbled rock possibly intended to be used as a hammerstone but no evidence use.
	Preform midsection	25	424.0	
	Preform	1	49.8	A large and thin leaf-shaped late stage preform with no evidence of use. Edges very
	Adze distal	1	13.3	sharp. A small adze has the proximal end or poll
	Adze distal	1	35.5	missing. Much use rounding on bit. The ventral face near the bit has brilliant
		·	33.3	wood polish probably from working charred wood. The dorsal edge which has been resharpened unifacially has moderate polish Pell has been broken and an attempt has been made to rework the break by percussio probably to assist in hafting and continuing to use the distal part.
	Flake scraper	1	41.3	A Nick decortication flake has been unifacially beveled to form a scraper. Part o working edge has not been used after last resharpening.
	Bifacial end scraper distal	1	45.2	A thick ovate biface has been bifacially sharpened and used as a wood scraper. Unifacial microbreakage is too extreme for scraping skins.
	Bifacial knife midsection	15	85.8	and the second

Site/Provenience	Artifacts collected by Artifact Description	Ct	Wt(g)	Comments
GHC/1 (OACHICIAC	Tabliga Darid Dalon	- Cu		Commensus
	Bilecial kaile tip	14	70.1	
	Bilacial knife miderction	1	15.7	This is the beveled and serrated midsection
				from a large Dalton or Rice biface. Some tip
				damage can be seen.
	Biface stem	3	10.6	-
	Preform	1	35.9	
	Aborted preform	1	54.3	
	Bifacial and acraper distal	1	11.7	
	Biface midsection	1	12.3	A midsection from biface has been pressure
				flaked unifacially along one edge and one
				comer to form a scraper. Light use wear is
				apparent.
	Bifacial knife proximal (Jakie)	1	14.6	Jakie biface has serrations on convex blade
				margin. The other margin is concave.
	Knile/scraper (Jakie)	1	15.9	The distal part of a Jakie point has been
				unifacially rounded and beveled to form a
				scraper. Use polish on both straight edges
				and on beveled edge.
	Burin proximal (Jakie)	1	8.0	A Jakie point broken transversely across
				blade has been burinated at the break-edge
				junction on both sides removing edges.
				Light use wear is noted on chisel edge.
				Burins are common in the Middle Archaic.
	Bifacial knife proximal (White River)	1	10.6	
	Bifacial knife proximal (Waubesa)	1	7.1	
	Stemmed biface proximal	1	17.1	
	Knife/scraper proximal	1	29.4	A thick knot was not removed from one
				edge. Type is unnamed but fairly common.
				It is a wide contracting stem with almost no
				shoulders. Specimens are often over 10 cm
				in length.
	Bifacial knife (Smith)	1	16.0	
	Bifacial knife (Dickson)	1	14.9	
	Bifacial knife proximal (Table Rock	1	7.3	
	Stemmed)			
	Bifacial knife proximal (Steuben variant)	1	8.4	
	Bilacial unife (Steuben variant)	1	13.0	
	Bifacial knife proximal (White River)	1	4.9	_
	Projectile point/knife proximal (White River	1	3.3	Tangs are slightly more rounded than is
	variant)			usual on White River bifaces.
	Projectile point/knife (Duncan)	1	5.8	
	Stemmed bilace (Steuben)	1	13.4	Apparently corner was broken off during
				final notching of biface. This prevented
	Die tale in the second second			hafting so biface was not used.
	Bifacial knife proximal (Rice Side Notched)	1	8.1	
	Bifacial knife proximal (Rice Side Notched)	1	4.7	
	Dart point (Rice Side Notched)	1	7.5	
	Stemmed biface proximal (Steuben)	1	6.7	•
	Bifacial knife (Steuben variant)	1	9.6	One notch consists of a half moon-shaped
	The state of the s			accidental break.
	Dart point (Rice Side Notched)	1	7.5	Most Rice Side Notched bifaces served as
				knives at least early in the use cycle.
				However edges are all damaged due to
				impact so wear does not appear now (if it
	mid the later than the second of the second			once existed)
	Bifacial knife proximal (Rice Side Notched)	1	7.8	There is only about 0.5 cm of undamaged
				blade on one margin. This area exhibits use
				rounding and polish but this is an
				unsatisfactorily small area to evaluate for
	W 1 24 1 2 4 2			function.
	Projectile point/knife proximal (Rice Side	1	5.9	
	Notched)			
	Bifacial inife	1	3.0	This biface is small enough to be an arrow
				point however it is too thick and beveling is
				not usually found on arrow points.

Site/Provenience	Artifact Description	Ċ.	Wt(g)	Comments
	Preform proximal	1	16.9	This is probably a preform for a Rice Side Notched biface.
	Projectile point/knife	1	1.4	This is a very small biface. Shape is like a San Patrice but there is no stem grinding and size is too small. Similar bifaces were recovered from the Middle Woodland at Albertson (category MW-2) where they seemed to function as dart points (Dickson 1901:95). This biface is small enough to have served as an arrow point.
	Preform	1	3.0	This is a preform for an arrow point.
	Arrow point (Sallisaw variant)	1	0.8	•
	Arrow point (Keota)	1	0.8	
	Arrow point (Huffaker)	1	0.8	This is basically a triangular arrow point with a deep notch placed on each side 0.8 cm above the base and a shallow notch placed on each side in the center of the slightly expanding hafting area. Classic Huffaker not a Cabokia point.
	Arrow point (Reed)	1	0.8	The hafting area on this Reed point is parallel below the two narrow but deep notches.
	Arrow point (Scallom eddy)	1	1.1	
	Arrow point (Scallorn eddy)	1	0.8	
	Arrow point proximal (Scallors coryell)	1	0.8	
	Arrow point proximal (Scallorn)	1	0.9	
	Arrow point proximal (Scallora?)	1	0.7	
	Arrow point proximal (Fresno)	1	0.9	
	Bifacial knife distal	1	3 .0	
3PO395			550 5	
urface - general	Flat abrader	1	328.2 12.7	
	Bifacial knife proximal (Dickson)	1 7	138.6	
	Preform edge Bifacial knife midsection	, 8	67.2	
	Bifacial knife distal	5	21.7	
	Bifacial knife (Lander Corner Notched)	1	5.5	
	Stemmed biface proximal	i	17.3	Possibly intended to be a Dickson point the specimen was broken late in the reduction sequence and was apparently never used.
	Arrow point (Schild)	1	0.8	
	Bifacial knife proximal (Lander Corner Notched)	1	10.0 7.4	
	Projectile point/knife proximal (Table Rock Pointed Stem) Bifacial knife	1	10.0	This biface could not be classified because
		•	.0.0	the shoulder areas were damaged too much. It is probably either Langtry or Dickson.
	Bifacial knife proximal (Stone Corner Notched)	1	14.4	
	Dart point proximal (Rice Side Notched)	1	6.1	
	Bifacial knife (Rice Side Notched variant)	1	6.0	max and a second se
	Stemmed biface proximal	ı	6.2	The specimen does not fit into any named corner notched type although it resembles th Grand type vaguely.
	Preform distal	1	36.7	- · · · · · · · · · · · · · · · · · · ·
	Aborted preform	1	53.0	
	Hoe chipped (Sedalia digger)	1	63.8	Chapman (1975:200) describes Sedalia diggers from the Northwest Prairie Region. They are found in the Stockton area too.
	Core	1	87.3	
	Grit-tempered rougheased red slipped	1	33.7	This sherd seems to have been pecked all over with some irregular object to roughen the surface while the clay was pila' le and before slipping. Grit is mostly chert.

Site/Provenience	Artifact Description	CL	Wi(g)	Commt is
4400404	Clay-sumpered rougheased body sherd	1	27.3	This sherd has been broken into two pleces that fit together. The surface was roughened with some irregular object while still pliable
23PO396 Surface - general	Arrow polat (Fresno)	1	1.3	This is an unusually long and well made triangular arrow point.
	Preform	4	62.4	Four undiagnostic preform fragments.
1: DO 104	Bifacial knife midsection	1	4.0	A rectangular biface fragment consisting of one shoulder and 1.6 cm of blade edge.
23PO397 Surface - general	Bifaciai kaife proximal (Dickson variant)	1	4 .8	Stem is slightly shorter than is usual on Dickson bifaces.
	Stemmed biface proximal (Table Rock variant)	1	12.8	Resembles Table Rock but all edges are missing or are to damaged to evaluate for function. About talf of base is missing.
	Preform	2	35.7	•
	Bifacial knife distal	1	2.4	
23PO410				
Surface - general	Bifacial knife midsection	ì	13.3	man and a second and
	Aborted preform proximal	1	9.8	This late stage preform was thinned fully at the base but was broken and aborted when removal of a thick place to the stone near the tip was unsuccessful.
	Museci shell	1	7.7	Roughly triangular shaped piece of shell has rounded edges from erosion of outer surface This is probably natural.
23PO411				
Surface - general	Preform distal	1	126.0 17.9	
23PO412 Surface - general	Flake knife	1	50.1	This roughly rectangular flake is large and thin at one end. Much use wear and polish appear on the thin end.
	Bifacial knice proximal (Kings Corner Notched)	1	6.1	appear on use min can.
	Projectile point/knife proximal (Big Creek)	1	7.9	
	Preform	1	2.9	This is a small slightly asymmetrical prefor for an arrow point. It has been used briefly as a buile.
	Bilace stem (Table Rock Stemmed)	1	0.8	The slightly expanding beavily ground stem is typical of that found on Table Rock specimens. Only the proximal part is present.
	Arrow point proximal (Sallisaw)	1	1.1	One tung is damaged. Arrow point is made from quartzite.
	Arrow point proximal (Scalioru)	1	1.0	•
	Arrow point distal	1	0.6	Stem broken immediately below shoulders.
23PO415	Bifacial knife distal	1	1.1	
Surface - general	Bilacial knife	1	30.5	This well made biface may be a preform for a type like the Kings Corner Notched.
	Preform	1	129.0	This crude biface is made of poor quality chert. The form resembles that of a core but the chert is of a quality that would not produce good usable flakes.
	Bifacial knife distal	2	13.6	•
	Preform midsection	3	43.7	
	Preform proximal	1	54.6	Biface has broken during reduction for unknown reasons. Striking platforms had been beveled to further reduce the preform.
	Preform proximal	1	33.6	A preform was being fashioned from a large flake when it was broken for unknown reasons. A striking platform had been beveled and ground on one edge to assist reduction

Site/Provenience	Artifact Description	<u>Ct</u>	Wt(g)	Comments
23PO416	A		46 =	
Surface - general	Stemmed biface proximal (Stone Corner	1	10.5	
	Notched?)		40.0	One bifers the laments from an unusual
	Bifacial knife distal	5	39.9	One biface tip is made from an unusual
	Arrow point (Scallorn eddy)	1	0.9	purple quartzite.
	Arrow point (Scallora Edily) Arrow point proximal (Scallora)	1	0.9	
	Arrow point proximal (Sequoyah)	1	0.9	
	Arrow point (Huffaker variant)	î	0.7	The notch in the base is unusually wide but
	Palow point (Hattacon Vallant)	•	0.7	otherwise the point is typical of the Huffaker type.
	Bilacial knife proximal	1	9.4	This is a nondescript stemmed point with a large unremoved knot on one face. The specimen was used as cutting tool in spite of the knot.
	Stemmed biface proximal (Big Creek?)	1	3.4	This specimen consists of one stem margin and part of the base.
	Stemmed biface proximal	1	4.1	This is a contracting stem from biface broke
	Senino onace produce		4.1	immediately above the shoulders. Probably one tang was damaged and the area was reworked forming protrusion on one side of the stem. It is impossible to determine the original shape with assurance but it probably was either Langtry Dickson or Standlee.
	Bifacial knife midsection	1	4.2	,
23PO417				
Surface - general	Bifacial knife	1	74.0	This biface is well made considering the coarse texture of the heat-treated chert. Use polish and rounding goes all around the margins including the base. The shape is elongated leaf-shaped or egg shaped. Probably this was a preform which was used as a cutting tool. This preform shape is common in the Late Archaic but can be found in other contexts as well.
	Stemmed biface proximal (Stone Corner Notched)	1	5.4	Specimen is broken just above the shoulders
	Preform proximal	1	49.9	Rounding on specimen seems to be preform abrasion. Preform seems to have been
	Proform proximal	1	42.9	broken during reduction. Basal portion of late stage preform broken due to a large fossil in the area at the break.
	Preform proximal	1	20 4	This specimen probably being imapped from
23PO418	,			a crooked flake may be the preform for a Woodland Rice Side Notched biface. There is evidence of heat damage on specimen (pollid fractures).
Surface - general	Bitacial knife proximal (Dalton)	1	5.0	This Dalton biface has been resharpened bifacially. Some serrations still exist on blade edges. A large pollid fracture can be seen on one face so apeciases was probably broken by heat.
	Bifacial drill midsection	1	8.4	This biface seems to be a portion of the base and distal portion of a perforator. Any use wear would appear on the missing distal portion but morphology suggests a
	Bifacial buile midsection	1	4.1	perforator. Beveled blade with slight serrations suggest the Early Archaic. Type was probably Dalton but it could have been Rice or Breckenridge.
	Bifacial baife proximal (Kings Corner Notched)	1	2.8	Part of the tip and a small portion of blade edge has been broken from one side of this biface.

Site/Provenience	Artifact Description	CL	Wt(g)	Comments
	Dart point stem (White River variant)	1	2.3	Impact fracture has removed most of the blade and shoulders. The side notches have been executed lower on the biface than usua for the White River type.
	Preform proximal	Ž	24.8	••
	Bifacial knife midsection	3	14.8	
23PO419 Surface - general	Flat abrader	1	471.2	An elliptical muller has a portion of one edg missing. On each face is a 2.5 x 3.0 cm poil 0.2 cm deep. Some smoothing from use can be seen on broad faces while pecking is noted on the edges. Made from hard tan sandstone.
	Arrow point	1	1.6	This is a rare arrow point with its unusually wide blade strong barbs and distinctive base Four examples of this category were recovered from an Early Caddoan context at the Albertson site (3BE174) in Benton County Arkansas (Dickson 1991:144).
	Stemmed biface proximal	1	7.7	Twelve examples of this beface were found in Woodland levels at the Albertson site (3BE174) Benton Co. Arkansas. Most of them were used as dart points (Dickson 1991:94). Slight use rounding on the edge of this specimen suggests cutting. However the tip is missing due to best breakage and cannot be examined for impact fracture. The type resembles the Kratner type of Illinois.
	Preform midaection	7	88.1	
	Stemmed biface proximal	1	2.0	Haif of the mone shoulder and 1.0 cm of blade margur represents an unnamed (possibly unfinished) biface.
	Bilacial knife midsection	1	2.0	•
2200420	Bifacial knife distal	1	6.2	
23PO420 Surface - general	Flat abrader	1	602.0	This elliptical milling stone features one convex and one flat face with a 3.5 x2.5 x .5 cm pit in it. Function of the pit unknown. Made from hard tan sandstone.
	Knife/scraper distal (Harabey Knife)	1	27.0	This is about one third of a broad probably elliptical early stage Harahey knife with beveiling started on both the right and left sides of one face. One end is missing. Muc- use wear and rounding can be noted on the beveled areas.
	Bifacial knife midsection	1	14.6	This is a very long midsection from either a lanceolate or double pointed biface.
	Bifacia! knife (Dickson)	1	10.6	·
	Bifacial knife proximal	1	14.4	This unusual biface probably has had the stem reworked. Originally it incurved evenly down to the straight base but it seems to have been damaged and reworked to form a parallel sided stem oriented to one side. Since this possible reworking is unifacial it could also represent plow damage.
	Flake knife	1	9.0	This is a fairly thick flake that has been modified mostly unifacially into a cutting implement with a triangular shape. Edges around the three sides have been unifacially
				beveled. Only slight use polish can be seen on these edges.

Site/Provenience	Artifact Description	_Ct.	Wt(g)	Comments
	Knife/scraper (Kings Corner Notched var.)	1	9.9	This biface is more basely notched than is usual for Kings Corner Notched bifaces. The tip has been unifacially worked into an enu scraper and one edge has been unifacially worked into a side scraping margin. The other edge has been bifacially reworked and was been used for cutting.
	Bifacial knife distal	1	11.8	
	Unstemmed biface proximal	1	10.3	
	Arrow point proximal (Scallorn?)	1	0.9	Although the base of the expanding stem is missing the point is probably a variety of Scallorn. The tip is simply snapped and is missing. No clear evidence of impact fracture.
23PO421	Arrow point (Scallorn coryell)	1	1.0	
Surface - general	Bifacial knife (Smith)	1	27.1	
-	Bifacial knife (Smith variant)	1	24 3	Stem is not quite as well made as on a typical Smith. There is not much use wear on blade. Apparently it was not used much after last resharpening.
	Bifacial knife distal	2	15.3	
	Preform midsection	1	13.7	
23PO422				
Surface - general	Aborted preform	1	261.7	This is a crudely worked piece of poor grad- chert aborted due to a thick "knot" on one face.
	Plat Abrader	1	\$75.4	This elliptical thin mano is made from hard tan sandstone. Slight damage (plow?) on one end. One face is convex and smooth from use while the other is almost flat with- faintly pitted area in the center.
	Projectile point mife proximal (Snyders)	1	13.9	Apparently this point was used as knife unt resharpen ag reduced size and then used as dart point. Dart point function is unusual for Snyders.
	Preform distal	4	117.8	One fragment has unifacial beveling and some abrasion on the edge. The other fragments were not abraded.
	Bilacial knife distal	10	58.6	Degrands with But Quantum.
	Projectile point/knife proximal (Snyders)	1	12.9	Base of Snyders with sharp tangs. Shoulder are damaged and much resharpened blade has strong impact fracture. Normally Snyders points are cutting tools but this one was used as dart point after resharpening reduced size and width.
	Bifacial knife (Standlee)	1	17.8	The blade of this biface is angular like an Afton on one edge while it has two angular areas on the other margin. Heavy grinding of stem and angularity of blade suggest the Terminal Archaic but the basic form is four in the Woodland also.
	Bifacial knife distal	1	10.6	A this biface has contracting stem with missing base. There is no way to tell whether the base was rounded or truncated.
	Projectile point/knife proximal (Table Rock Pointed Stem)	1	4.2	Bilance made from a tan and greenish-gray Reeds Spring chert from the Stone-Taney County area of Missouri or Madison Count AR.
	Bifacial baife	1	20.1	Made from a fine textured Greenish-gray Reeds Spring chert. While this may have been the preform for a contracting stemmed biface the distal end did not flake properly and so the proximal end was sharpened and used as a cutting sool (probably hand held).

Site/Provenience	Artifact Description	CL	Wt(g)	Comments
	Bifacial knife proximal	1	14.4	A crudely chipped contracting stemmed biface with damaged shoulders and flaw in chert across blade. Very fossiliferous.
	Bifacial knife midsection	3	20.3	,
	Bifacial knife distal	1	12.1	A long and very sharp well-made biface tip.
	Stemmed biface proximal (Table Rock Pointed Stem)	i	2.5	,,,,
	Stemmed biface proximal (Langtry)	1	3.3	
	Bifacial knife proximal (Red Ochre)	1	15.3	Proximal portion of Red Othre biface probably broken during manufacture.
	Preform	1	59.0	A well-shaped elliptical preform with some edge abrasion. Reason for ceasing reduction unknown.
	Preform	1	16.8	A small leaf shaped preform has some use polish on margins.
	Aborted preform	1	15.6	Apparently aborted due to knot on one edge which could not be removed.
	Bifacial knife	1	6.6	This is small preform with some evidence of use on edges.
	Preform proximal	1	10.0	This is a thinned base section of a triangular preform probably a preform for Rice Side Notched biface.
	Aborted preform proximal	1	6.8	
	Preform proximal	1	1.8	Base of an arrow point preform broken during reduction.
	Anow point proximal	1	1.7	This is an unusual type similar to a specime from 23PO419. Dickson (1991:144) documents four specimens from an Early Caddoan context at Albertson (3BE174).
	Arrow point	1	1.0	This is the same as 1-24.
	Arrow point (Sallisaw variant)	i	0.9	Stem is slightly narrower than on typical Sallisaw and tangs are shorter.
	Arrow point proximal (Scallors coryell)	1	0.7	•
	Arrow point (Scallorn coryell)	1	0.7	
	Arrow point (Scallors coryell)	1	0.7	
	Arrow point (Scallors eddy)	1	0.6	
	Arrow point (Reed variant)	1	0.3	
	Arrow point proximal (Scallorn)	1	0.4	Tip and both blade edger missing due to impact. Variety of Scallorn not determinable.
23PO423				
Surface - general	Bifacial knife (Dickson)	1	13.9	A small area of base and tiny bit of tip missing.
	Stemmed biface proximal (Smith)	1	13.5	A small concave area apparently unifacially flaked by pressure is found on one blade margin; however no evidence of use can be seen in this concavity. The other edge is either damaged or missing. Smith bifaces normally function as cutting tools but direct evidence cannot be seen for this example. A least the distal half is missing.
	Cobble unmodified	1	465.7	This seems to be a stream tumbled cobble of colite which was probably picked up by someone and taken to the site. It is a very dense and beavy rock. No evidence for use is present.
	Bifacial knife proximal	1	10.0	Apparently unifacially worked from a large flake. Square shoulders are narrower than on the Smith type and flaking characteristics are different.
	Bilacial knife distal	4	19.9	
	Bilacial knife midsection		25.0	

Site/Provenience	Artifact Description	Cr	W(g)	Comments
	Bifacial knife proximal	1	15.5	This seems to be the base portion of a preform for a innecolate biface. Quite a bit of soft polish and rounding suggest cutting of soft material. At one junction of blade edge and break there is moderate use crushing and abrasion typical of that produced by engraving wood or a moderately firm substance. The lanceolate form suggests Early or Middle Archaic as does the use of broken biface for engraving; but lanceolate bifaces were made at other times too and the fragment is not diagnostic of a specific time.
	Unstemmed biface proximal	1	12.2	This is the base portion of a thin leaf-shaped biface.
23PO424	Aborted preform proximal	1	17.5	Advanced stage preform apparently broke during reduction due to a fossiliferous place in the chert and a short fracture.
Surface - general	Bifacial knife proximal (Fairland)	1	5.8	
Juliace - Reneira	Dart point proximal (Table Rock variant)	i	2.2	
	Knife/scraper (Big Creek)	i	7.5	A Big Creek point has been resharpened to a rounded stub.
	Stemmed biface proximal (Stone Corner Notched)	1	5.4	Ingrand Black
	Bifacial knife distal	2	9.9	
23PO425	Bifacial knife midsection	ī	10.7	
Surface - general	Dart point midsection	1	9.7	All margins of biface damaged. But impact fracture enters the hafting area on one face. Type cannot be determined; however the specimen probably was expanding stemmed.
	Preform	3	44.0	,
23PO430	Unstemmed biface proximal	1	22.7	This is possibly the preform for a Red Ochre biface at least the shape suggests this. The base edge has been ground heavily with an abrasive material probably sandstone probably to aid further thinning. But specimen was broken before thinning took place.
Surface - general	Bifacial knife (Stone Corner Notched)	1	15.1	
	Bifacial knife (Dickson)	1	9.8	Much use crushing and breakage indicates contact with a hard material during last usage of biface. Most probably it was used to cut a hard substance such as bone but it is possible that it was used in dismembering of joints with much contact with bone.
23PO433	P	_		
Surface - general	Stemmed biface proximal Eiface distal	1 2	4.3 3 .0	
23PO434				
Surface - general	Bifacial knife midsection	1	6.7	Midsection of a well made biface. Potlid fracture on one face suggests exposure to heat.
23PO435				
Surface - general	Bifacial knife (Hanna) Bifacial knife misc.	1 4	5.3 44.5	Small amounts of edge on each specimen seem to feature damage typical of that caused by butchering with hone contact. However the intact areas of margin are small.

Site/Provenience	Artifact Description	Cı	Wt(g)	Comments
	Blank	1	137.6	A crudely worked chunk of tabular hillside Burlington chert. One edge on one face is beveled to aid reduction while the same edge on the opposite face is partly beveled. Form is basically elliptical without discernible base or tip.
77 PO 440	Blank distal	1	51.3	A tabular piece of Burlington chert has been flaked crudely along margins. One end is missing.
23PO440 Surface - general	Projectile point/knife (White River)	1	6.8	This specimen has narrow side notches. Immediately below the notches the margins contract to a deeply concave base.
23PO443 Surface - general	Flat abrader	1	785.2	This is a well-shaped elliptical multer with two convex faces (no pits) and rounded well- shaped sides. Made from hard tan sandstone
	Bifacial knife (Table Rock Pointed Stem)	1	11.8	·
	Aborted preform	1	13.4	Aborted because a thick knot could not be removed from one face.
	Knife/scraper	1	32.9	The distal end of this biface is well shaped and thin with use polish. The proximal portion still has cortex visible and has not been well thinned. Specimen apparently was hand.
23PO446	Blank	1	75.2	
Surface - general	Dart point	1	4.7	This is a short nondescript side notched biface which has been much resharpened. At least last use probably was as a dart point. Morphology and flaking suggest Woodland.
	Biface atem	1	2.9	Only the stem is intact on this fragment and the stem suggests the Fairland type. But since shoulders and blade are good one cannot be sure of type or function.
23PO451	Preform proximal	1	9.1	γγ
Surface - general	Blank proximal	1	199.5	About half of a very large quarry blank of Burlington chert. The blank broke due to a fossil in center of chert.
	Bifacial knife proximal	1	4.8	Crudely flaked from crooked flake of JEFFERSON CITY chert.
	Biface midsection	2	5.2	These two fragments do not have use wear and may be broken advanced stage preform fragments. One fragment is made from a fossiliferous gray possibly Sedalia chert.

APPENDIX B
Stone tools collected by Howard Wimmer

Sir No.	<u>ر</u> اگ	Pro regional	į	Type raine	Artifact Description	LOUISON	Contract Aminor	Towns 1 Comment
23CE436	-	Surface - general	-	Standlee	Projectile point/knif:	whole	Archaic, Term Woodland	Kaife
23CE436	7.1	Surface - general	~	Langity	Kaife, bifacial	whole	Archaic, Late - Woodland	Kaife?
23CE4.7	1-1	Surface - general	,	Undersified	Scraper, unitacial end	whole	Mississippi	Scraper
23CE447	1.2	Surface - general	-	Red Ochre-like	Knife, bifacial	proximal	Anchaic, Late	Knife
23CE448	<u>ب</u>	Sartace - general	••	Kings Corner Notched var.	Kaife, bifacial	whole	Archaic, Late - Woodland	Knife
23CE/18	()	Surface - ger real	-	Ellis-lite	Knife, bitacial	whole	Archaic, Late	Kaife
25CE448	1.3	Surface - general	-	Unchenified	Kaife, bifreta!	whole	Archaic, Late?	Knife?
23CE448	<u>-</u>	Surface - general	-	Undersified	Preform, aborted	whole	Unknown	Unknown
23CE448	1.5	Surface - general	***	Unchandfied	Preform, aborted	proximal	Unknown	Unknown
23CE448	9	Surface - general	_	Unclassified	Preform	proximal	Unknows	Unknown
33CE448	1-1	Surface - general		Unclessified	Preform	distal	Unknown (Woodland?)	Unknown
23CE448	8 2	Surface - general	m	Understited	Knife, bifactal	midsection	Usknown	Kaife
230,452	1-1	Surface - general	-	Kings Corner Notched	Dart polat	wbole	Archaic, Late - Woodland	Dark polat
23DAS2	1-2	Surface - Boneral	-	Unchasedfled	Scraper, bifacial side	proximal	Archaic, Late	Scriper
230A52	1.3	Surface - general	-	Scations	Arrow point	whole	Woodland, Late Mississipp	Arrow point
23DA52	<u> </u>	Surface - general		Unchestified	Biface	distal	Unknown	Unknown
230.463	<u></u>	Surface - general	-	Langtry	Dart point	stem	Archaic, Late - Woodland	Unknown
23DA63	1:3	Surface - general		Rice Side Notched	Biface, stemmed	proximal	Woodland, Late	Unknown
230,463	1-3	Surface - general	-	Undersified	Preform, aborted	whole	Unknown	Unknown
230.463	7	Surface - general	-	Unclassified	Knife, bifacial	whole	Unknown	Knife
23DA63	1.5	Surface - general	-	Undersified	Knife, bifacial	midsection	Unknown	Kaife
23DA63	9.	Surface - general	-	Unclassified	Knife, bifacial	di stal	Usknown	Knife
230A63	1.7	Surface - general	•	Unclassified	Preform	ağ So	Unknown	Unknown
23DA85	ĭ	Surface - general	-	Kings Corner Notched	Dart polat	Sten	Archaic, Late - Woodland	Dart point
23DA85	7.	Surface - general	-	Unclassified	Arrow point	whole	Woodland, Late-Mississipp	Arrow point
23DA85	1.3	Surface - general		Unchaesified	Scraper, bifacial side	distal	Unknown	Scriper
23DA85	7	Surface - general	-	Unclassified	Kulfe, bifacial	ģ	Unknown	Knife
23DA5,5	2:1	Surface - general	m	Undersified	Preform	midsection	Unknown	Unknown
230.4330	1.1	Surface - general	-	Unchestfied	Xnife, bifacial	distal	Usknown	Kniře
23DA 339	1.1	Surface - general	-	Undersified	Dert point	58 EE	Archaic?	Unknown
23DA339	1.2	Surface - general		Undersified	Knife, bifactal	midection	Unknown	Kaife
23DA339	1.3	Surface - general	-	Undersified	Knife, bifacial	d.	Unknown	Knife
23DA339	7.	Surface - general	_	Undersified	Preform, shorted	whole	(Jaknown	Unknown
23DA339	2:5	Surface - general	-	White River	Dert point	whole	Archaic, Middle	Dart point?

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Stone tools collected by Howard Wimmer

Site No.	Cat. No.	Proventence	נ	1 ype ranne	Armact Description	LOUGE	Calcard Aminhon	Cimery Common
23DA362	1-1	Surface - general	_	Stone Square Stemmed	Kaife, bifacial	whole	Archaic, Late	Knife
23DA362	1.2	Surface - general	-	Unchamilied	Knife, bifacial		Unknown	Knife
23DA362	£:1	Surface - Reneral	-	Unchassified	Kaife, bifacial	midsection	Unknown	Knife
23DA362	<u>+</u>	Surface - general	-	Undersified	Scraper, flake	N/A	Unknown	Sonper
33DA362	1-5	Surface - general	•	Uncharmified	Preform	midsection	Unknown	Unknown
23DA364	<u>:</u>	Sur Ace - general	-	Castroville	Kaife, bifacial	whole	Archaic, Late	Knife
33DA365	1:1	Surface - general	-	Big Creek	Knife, bifacial	whole	Archaic, Late	Kaife
23DA365	1.2	Surface - general	-	Voctassifled	Kalfe, bifacial	whole	Woodland	Knife
23DA365	1.3	Surface - general	-	Fairland-like	Dart point	200	Archaic, Late	Durt point
23DA 365	<u>-</u>	Surface - general	-	Unchassified	Biface	2 8	Unknown	Unknown
23DA365	S:1	Surface - general	-	Unclassified	Kaife, bifacial	distal	Unknown	Knife
23DA365	1.6	Surface - general	_	Unclassified	Kaife, bifacial	midection	Unknown	Knife
23DA365	<u>-</u>	Sartace - general	-	Unclassified	Preform) Parsa Q	Unknown	Unknown
23DA365	-	Surface - general	-	Unclassified	Kalfe, bifacial	proximal	Unknown	Kaife
23DA365	6:1	Surface - general	٧٦	Unclassified	Preform	misc.	Usknown	Unknown
23DA37	1-1	Surface - general	~	Smith	Knife, bifacial	wbole	Archaic, Late	Knife
23UA 366	1.2	Surface - general	-	Marcos	Knife, bifacia?	proximal	Archaic, Late	Knife
23DA366	<u>1.3</u>	Surface - general	-	Marcos	Knife, bifacial	wbole	Archaic, Late	Knife
33DA366	*	Surface - general	-	Edgewood	Knife, bifacial	proximal	Archaic, Late	Kaife
33DA366	<u>1.5</u>	Surface - general	-	White River	Projectile point/traile	whole	Archaic, Middle	Dert point
257A366	9-1	Surface - general	_	Rice Side Notched	Knife, bifacial	whole	Woodland, Late	Kaife
33DA366	1.7	Surface - general		Big Creek	Knife, bifacial	whole	Archaic, Late	Knife
33DA366	9 9	Surface - general		Unclassified	Knife, bifacial	wbole	Woodland?	Knife
23DA366	6:1	Surface - general	-	Kings Corner Notched	Kaife, bifacial	proximal	Archaig, Late - Woodland	Kaife
23DA366	1.10	Surface - general	-	Calf Creek variant	Knife, bifacial	proximal	Archaic, Middle	Kaife
33DA366	1-11	Surface - general	-	Uaclassified	Knife, bifacial	wbole	Archaic, Early	Kaife
33DA366	1.12	Surface - general	-	Stone Square Stemmod	Knife, bifacial	proximal	Archaig, Late	Knife
23CA366	1-13	Surface - general	-	Unchessified	Dert point	whole	Woodland?	Dart point
23DA366	* 1·1	Surface - general	-	Waubesa	Knife, bifacial	wbole	Woodland	Knife?
23DA366	1.15	Surface - general	-	Understied	Knife, bifacial	wbole	Unknown	Knife
23DA366	91-1	Surface - general	-	Unclassified	Knife, bifacial	wbole	Archaic, Late?	Knife
23DA366	1-12	Surface - general	-	Castroville	Biface, stemmed	proximal	Archaic, Late	Unknown
23DA366	1-18	Surface - general	-	Rice Lubed?	Kaife, bifacial	whole	Archaic, Middle	Kaife
23DA366	61 · 1	Surface - general	-	Martindale	Biface, stemmed	proximal	Archaic, Late	Unknown
222.7.44.6	5	•						

APPENDIX B
Stone tools collected by Howard Wimmer

Type Nume Type Nume (Inclassified Biface Unclassified Biface Unclassified Biface Unclassified Biface Unclassified Biface, stemmed proximal Unclassified Kaife, bifacial proximal Unclassified Kaife, bifacial gistal Unclassified Kaife, bifacial gistal Unclassified Kaife, bifacial gistal Unclassified Kaife, bifacial gistal Unclassified Kaife, bifacial whole Unclassified Freform brasil Unclassified Freform proximal Unclassified Freform proximal Unclassified Freform whole Unclassified Freform proximal Unclassified Freform proximal Unclassified Freform proximal Unclassified Freform proximal Unclassified Kaife, bifacial distal Unclassified Kaife, bifacial distal Unclassified Freform misc. Unclassified Freform proximal Unclassified Freform misc. Unclassified Freform misc. Unclassified Freform point whole Unclassified Freform proximal Unclassified Freform point whole Unclassified Freform proximal Unclassified Freform Freform proximal Unclassified Freform proximal Unclassified Freform Freform Freform proximal Unclassified Freform Fre						A milens Description	Portion	Cultural Affilition	Primary Function
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1.22 Surface general 2 Unclassified Biface Greeker Unclassified Biface stemmed Proximal Unclassified Biface stemmed Proximal Unclassified Biface stemmed Biface Unclassified Biface stemmed Proximal Unclassified Unclassified Static bifacei Greeker Unclassified Static bifacei Greeker Unclassified Unclassified Static bifacei Greeker Unclassified Unclassified Rafic bifacei Greeker Unclassified Rafic bifacei Greeker Unclassified Unclassified Preform Preform Unclassified Preform Preform Preform Unclassified Preform Preform Preform Unclassified Preform Preform Preform Preform Unclassified Preform Preform Preform Preform Preform Preform Unclassified Rafic bifacei Greeker Unclassified Preform Prefor	110 A 266	12	Surface - Peneral		Ensor	Knife, bifactal	Territori C		Unknown
1.25 Serfece greent 2 Unclassified Billers mideocina Unknown 1.25 Serfece greent 1 Unclassified Billers greent 2 Unclassified Billers greent 3 Unclassified Billers greent 3 Unclassified Billers greent 3 Unclassified Billers greent 3 Unclassified Billers greent 4 Unclassified Billers greent 6 Unknown 1.25 Serfece greent 1 Unclassified Kalic bildraid whole Unknown 1.25 Serfece greent 1 Unclassified Kalic bildraid whole Unknown 1.25 Serfece greent 1 Unclassified Kalic bildraid whole Unknown 1.25 Serfece greent 1 Unclassified Kalic bildraid whole Unknown 1.25 Serfece greent 1 Unclassified Preform whole Unknown 1.25 Serfece greent 1 Unclassified Serfece greent 1 Unclassif	230,000	: :	Confere , merceral	7	Unclassified	Biface	<u> </u>	Calchowa	I laborated
1.25 Suffice greent 1 Unclassified Raife, bleest promised Archite Live? 1.26 Suffice greent 1 Unclassified Bitter, stemmed sen Woodland? 1.27 Suffice greent 1 Unclassified Kalife bleest distal Unknown 1.25 Suffice greent 1 Unclassified Kalife bleest distal Unknown 1.25 Suffice greent 1 Unclassified Kalife bleest distal Unknown 1.25 Suffice greent 1 Unclassified Kalife bleest a whole Unknown 1.25 Suffice greent 1 Unclassified Refer bleest 1.25 Suffice greent 1 Unclassified Refer bleest 1.25 Suffice greent 1 Unclassified Prefera, should Unknown 1.25 Suffice greent 1 Unclassified Prefera, should Unknown 1.25 Suffice greent 1 Unclassified Prefera, should whole Unknown 1.25 Suffice greent 1 Unclassified Prefera, should whole Unknown 1.25 Suffice greent 1 Unclassified Prefera should Woodland Unknown 1.25 Suffice greent 1 Unclassified Refer greent 1 Unclassified Re	23()4366	7 :	Succession of the Paris	, ,	1 Inclassified	Biface	midection	Unknown	,
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1.25 Surface perent Undestricted Biface, stermed seen Unbrown Undestricted Surface, stermed seen Undestricted Surface, stermed Surface, stermed Undestricted Preform whole Unknown Undestricted Undestricted Preform whole Unknown Undestricted Preform whole Undestricted Preform whole Undestricted Preform whole Undestricted Preform whole Undestricted Preform Wholisted Preform Wholisted Preform Undestricted Preform Wholisted Preform Undestr	23DA366	<u>-</u>	Surface - Benefit	=		Dafface eternmed	proximal	Ustrown	Unknown
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APPENDIX B
Stone tools collected by Howard Wimmer

Activity Library Control March Control M				Č	Ture Name	Artifact Description	TOURS I	Calula Aminas	
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1-6 Surface general 1 Unclassified Scraper, flake N/A Unknown 1-6 Surface general 1 Unclassified Array point whole Mississippi	21DA 160		Surface - general		Unclassified	Preform, aborted	proximal		Canadi
Army point whole Mississippi	2000		Surface - peneral	***	Unclassified	Scraper, flate	∢ Z	Unitrown	oriente.
	ACC VIIC7			-	Calliane	Arrow polst	whole	Mississippe	Arrow point

APPENDIX B
Stone tools collected by Howard Wimmer

Site No.	Cat. No.	Proventence	ರ	Type Name	Artifact Description	Portion	Cultural Affilition	Francery Function
23DA370	7:1	Surface - general	-	Stone Square Stemmed	Knife, bifacial	proximal	Archalc, Late	Kaife
23DA376	1.2	Surface - general	-	Stone Square Stemmod	Kaife, bifacia!	leciproid	Archaic, Late	Knife
23DA370	1.3	Surface - general	-	Table Rock Stemmed	Projectile point/knife	proximal	Archaic, Late	Knife
230A370	7	Surface - general	-	Lander Corner Notched	Kalfe, bifacial	proximal	Woodland	Kaife
23DA370	1.5	Surface - general		Rice Side Notched	Knife, bifacisi	proximal	Woodland, Late	Kaife
23UA370	9.	Surface - general	-	Standiee	Knife, bifactal	proximal	Archaic, Term Woodland	Kaife
23DA370	1:1	Surface - general		Standlee	Kaife, bifacial	proximal	Archaic, Term Woodland	Kniře
23DA370	3 9	Surface - general		Unclassified	Kaife, bifacial	midection	Unknown	Kaife
23DA370	6-1	Surface - general	1	Unchemitted	Kaife, bifacial	distai	Unknown	Kaife
23DA370	01:1	Surface - general	-	Unclassified	Kaife, Mincial	midection	Unknown	Knife
23DA370	1:1	Surface - general	-	Uscheeffed	Knife, bifactal	midsection	Unknown	Kaife
23DA370	1.12	Surface - general	_	Unchassified	Kalfe, bifacial	ф	Unknown	Kaife
23DA370	1.13	Surface - general	-	Unclassified	Kalfe, bifacial	whole	Unknown	Kaife
23DA370	7:	Surface - general	7	Undessified	Biface	midsection	Unknown	Unknows
23DA370	1-15	Surface - general	7	Unchassified	Preforts	misc.	Unknown	Unknown
23DA371	<u>:</u>	Surface - general	7	Unchassified	Knife, bifn-lai	proximal	Woodland?	Kaife
23DA371	1:2	Surface - general		Unclassified	Kaife, bitaclal	proximal	Woodland?	Kaife
23DA371	<u>1.3</u>	Surface - general	-	Leagus	Kaife, bifactal	whole	Archale, Late - Woodland	Kaffe
23DA371	ĭ	Surface - general		Stone Corner Notched	Kaife, bifacial	proximal	Archaic, Late	Kalife
2304371	<u>∵</u>	Surface - general	_	Stone Square Stemmed-like	Projectile point/kaife	Stem	Archair, Late	Dert point
23DA371	9	Surface - general		Kirgs Corner Notched	Projectile point/traife	stem	Archaic, Late - Woodland	Dert point
2304371	1.7	Surface - general	_	Langtry	Dart polat	S	Archaic, Late - Woodland	Dert point
23DA371	<u>~</u>	Surface - general	-	Langtry	Dart point	S	Archaic, Late - Woodland	Dart point
23DA371	6-1	Surface - general	-	Calf Creek variant	Kaife, bifacia!	proximal	Archaic, Middle	Knife
23DA371	01-1	Surface - general	~	Blg Creek	Biface, stemmed	proximal	Archaic, Late	Unknown
23DA371	1.1	Surface - general	-	Kings Corner Notched	Kaife, bifacial	whole	Archaic, Late - Woodland	Knife
23DA371	1.12	Surface - general	×	Stone Square Stemmed var.	Kaife, bifacial	proximal	Archaic, Late	Kaife
23DA371	1.13	Surface - general	-	Marshall-like	Kaife, bifacial	proximal	Archaic, Late	Knife
23DA371	1.14	Surface - general	-	Unclessified	Scraper, bifacial end	whole	Unknown	Samper
23DA371	1.15	Surface - general	-	Understind	Kalfe, bifacial	wbok	Usknown	Kaife
13DA371	1.16	Surface - general	-	Langtry?	Biliace, stemmed	Stem	Archaic, Late - Woodland	Unknown
23DA371	1.17	Surface - general	8	Big Creek?	Biface, stemmed	Stem	Archaic, Late?	Unknown
23DA371	81.1	Surface - general	01	Unclassified	Kaife, bifacial	midsection	Unknown	Knife
23DA371	1.19	Surface - general	-	Unchessified	Biface, stemmed	proxinuel	Unknown	Unknown
171 471	2	Surface . Bettern?	-	I food exertified	Knife hifacial	midention	[Inhanam	

APPENDIX B
Stone tools collected by Howard Wimmer

Ca. No. 1.21 Surface general 11 Unclassified Prform mideochon 1.22 Surface general 11 Unclassified Prform besat 1.23 Surface general 1 Unclassified Prform besat 1.24 Surface general 1 Unclassified After dispersal proximal 1.25 Surface general 1 Unclassified After (signess) 1.26 Surface general 1 Unclassified After (signess) 1.27 Surface general 1 Unclassified Prform mideochon 1 Surface general 1 Unclassified Raife biferial proximal 1 Surface general 1 Su						A stifest Description	Portion	Cultural Affilition	Primary Function
1.21 Suffice generii II Unclassified Here, usetenzone prostinati Unknown 1.22 Suffice generii II Unclassified Here and the seati Unknown 1.22 Suffice generii II Unclassified Here and the seati Unknown 1.22 Suffice generii II Unclassified Adae (Agae it whole Woodland) Woodland Middle 1.22 Suffice generii II Suffice II Woodland Middle Woodland Middle II Suffice generii II Suffice II Woodland Middle II Woodland Middle II Suffice generii II Suffice II Woodland Middle II Suffice generii II Suffice II Woodland Middle II Woodland Middle II Suffice generii II Suffice II Woodland Middle II	Sie No.	Cat No.	Provenience	ಶ	Type Name		- I de services	Unknown	Unknown
1.22 Surface general I Unclassified Preform beast Unknown Unknown 1.23 Surface general I Unclassified Preform beast Unknown I Unclassified Preform beast Unknown I Unclassified Acta frequents provided Woodstack Middle 1.27 Surface general I Unclassified Acta frequents provided Woodstack Middle 1.28 Surface general I Unclassified Preform midwedien Unknown Unknown I Unclassified Preform midwedien Unknown Unknown I Unclassified Preform midwedien Unknown Unknown I Unclassified Real Kalife, Michal Proving Unknown Unknown Unknown I Unclassified Real Kalife, Michal Proving Unknown	23DA371	1.21	Surface - general	Ξ	Unclassified	Preform	microcalon		Linkarata
1.23 Surface general 1 Unclassified Perform basal Unknown Unknown 1.24 Surface general 1 Unclassified Adar (prepared Unknown 1.25 Surface general 1 Unclassified Adar (prepared Unknown Unknown 1.25 Surface general 1 Unclassified Adar (prepared whole Woodland) Woodland Middle 1.29 Surface general 1 Surface (prepared Surface general 1 Unclassified Perform undecedion Unknown Niddle 1 Surface general 1 Unclassified Perform undecedion Unknown Niddle 1 Surface general 1 Unclassified Ruifac Middle Unknown Undecedion Surface general 1 Unclassified Ruifac Middle Unknown Undecedion Surface general 1 Unclassified Ruifac Middle 1 Unknown Unclassified Ruifac Middle 1 Unknown Undecedion Ruifac Middle 1 Unclassified Ruifac Middle 1 Unknown Woodland Middle 1 Surface general 1 Unclassified Ruifac Middle 1 Monthale Middle 1 Surface general 1 Unclassified Ruifac Middle Monthale Middle 1 Surface general 1 Unclassified Ruifac Middle Monthale Middle 1 Surface general 1 Unclassified Ruifac Middle Monthale Middle 1 Surface general 1 Surface general 1 Unclassified Ruifac Middle Monthale Middle 1 Surface general 1 Surfa	23DA 171	1.22	Surface - general	-	Unclassified	Biface, unstemmed	proximal	Ewodan	I fabruaria
1.24 Surface general I Unclassified Acta fragment proximal Unknown (1.25 Surface general I Unclassified Acta fragment proximal Woodland, Middle (1.27) Surface general I Unclassified Acta fragment proximal Woodland, Middle (1.28) Surface general I Unclassified Perform midsocrine Unknown Unknown (1.28) Surface general I Unclassified Perform midsocrine Unknown Unclassified Ruife, blickel midsocrine Unknown Unknown (1.28) Surface general I Unclassified Ruife, blickel general I Surface general I Unclassified Ruife, blickel general Ruife, blickel general I Surface general I Unclassified Ruife, blickel general Ruife, bl	120 4 271	17.	Surface - peneral	_	Unchestified	Preform) Jessel	Unknown	
1.25 Surface general Unclassified Aze fragment proximal Unclassified Aze fragment proximal Unclassified Aze fragment proximal Unclassified Aze fragment proximal Woodland's Middle 1.27 Surface general Unclassified Aze fragment proximal Woodland, Middle 1.28 Surface general Unclassified Rule, Mideal Woodland, Middle Unknown Un	1,6000	2	Sudare . marera	_	Unclassified	Preform	besel	Unknown	Control
125 Surface general 1 Undessified Adee (regiment provintal Unknown 126 Surface general 1 Undessified Adee (regiment whole Woodland) Middle 127 Surface general 1 Suyders Kaife, blickel whole Woodland, Middle Surface general 1 Suyders Kaife, blickel provintal Woodland, Middle Woodland, Middle Surface general 1 Suyders Kaife, blickel provintal Woodland, Middle Woodland, Woodland, Woodland, Woodland, Woodland, Woodland Woodland, Widdle Woodland, Woodland	1/57/157	\$;	C. A. C.	. –	Uncheeffed	Ader	distal	Unknown	Woodworking, heavy
127 Surface general 1 Undestified Acta (regiment proximal Woodland) 127 Surface general 1 Undestified Acta (Male blickal) whole Unknown Unkn	2304371	9.1	Surface - School		Linchaedfied	Actor (ragnoted	proximal	Unknown	Woodworking, heavy
127 Surface general 1 Suyders Kalic, blickal whole Woodland, Middle 128 Surface general 1 Suyders Kalic, blickal whole Woodland, Middle Woodland, Middle Suyders Kalic, blickal proximal Woodland, Middle Woodland, Middle Suyders Kalic, blickal proximal Woodland, Middle Woodland, Middle Suyders Kalic, blickal proximal Woodland, Middle Middle Suyders (Kalic, blickal proximal Woodland, Middle Middle Suyders profrom Chalic, blickal proximal Woodland, Middle Middle Suyders profrom Chalic, blickal proximal Woodland, Middle Middle Suyders profrom Chalic, blickal proximal Woodland, Middle Middle Middle Suyders profrom Chalic, blickal proximal Woodland, Middle Unbrown Chalic, blickal proximal Woodland, Middle M	23DA371	1:26	Surface - general			Adre frament	proximal	Woodland?	Woodworking, heavy
1.29 Surface general 1 Suyders Kalic, blickal whole Woodland, Middle 1.31 Surface general 1 Suyders Kalic, blickal proximal Woodland, Middle Woodland, Middle 1.31 Surface general 1 Suyders Kalic, blickal proximal Woodland, Middle Woodland, Middle 1.33 Surface general 1 Suyders Kalic, blickal proximal Woodland, Middle Middle 1.34 Surface general 1 Suyders process. Kalic, blickal whole Woodland, Middle Middle 1.35 Surface general 1 Suyders process. Kalic, blickal whole Unknown Unknown Unknown Middle 1.35 Surface general 1 Undessified Kalic, blickal whole Unknown	23DA371	1.27	Surface - general	. .		Kaife Mincial	* those	Woodland, Middle	Kaife
130 Surface general 1 Suyders Kalife, bifacial whole Woodland, Middle 133 Surface general 1 Suyders Kalife, bifacial proutinal Woodland, Middle 134 Surface general 1 Suyders Kalife, bifacial proutinal Woodland, Middle 135 Surface general 1 Suyders (Kalife, bifacial proutinal Woodland, Middle 136 Surface general 1 Undensified Preform midwection Unknown 137 Surface general 1 Undensified Preform midwection Unknown 138 Surface general 1 Undensified Kalife, bifacial midwection Unknown 139 Surface general 1 Undensified Kalife, bifacial midwection Unknown 140 Surface general 1 Undensified Kalife, bifacial midwection Unknown 141 Surface general 1 Undensified Kalife, bifacial proutinal Middle 142 Surface general 1 Undensified Kalife, bifacial proutinal Middle 143 Surface general 1 Undensified Kalife, bifacial proutinal Archafe, Middle 144 Surface general 1 Surface general	23DA371	%	Surface - Beneral	- ·	Suydens	Kelfe Macie	shot.	Woodland, Middle	Knife
131 Surface general 1 Suyders Kalife, blieckit proximal Woodland, Middle 132 Surface general 1 Suyders Kalife, blieckit proximal Woodland, Middle 133 Surface general 1 Suyders Rolling, blieckit proximal Woodland, Middle 134 Surface general 1 Undensified Preform midwerine Unknown 135 Surface general 1 Undensified Raife, blieckit whole Unknown 136 Surface general 1 Undensified Kalife, blieckit midwerine Unknown 137 Surface general 1 Undensified Kalife, blieckit midwerine Unknown 138 Surface general 1 Undensified Kalife, blieckit midwerine Unknown 140 Surface general 1 Undensified Kalife, blieckit midwerine Unknown 141 Surface general 1 Undensified Kalife, blieckit proximal Woodland, Middle 142 Surface general 1 Undensified Kalife, blieckit proximal Woodland, Middle 143 Surface general 1 Undensified Kalife, blieckit proximal Woodland, Middle 144 Surface general 1 Undensified Kalife, blieckit proximal Woodland, Middle 145 Surface general 1 Stone Corner Notched Kalife, blieckit proximal Archaic, Late Woodland, Middle 146 Surface general 1 Stone Corner Notched Kalife, blieckit proximal Archaic, Late Woodland, Middle 147 Surface general 1 Stone Corner Notched Kalife, blieckit proximal Archaic, Late Woodland, Middle 148 Surface general 1 Langry Kalife, blieckit proximal Archaic, Late Woodland, Middle 149 Surface general 1 Stone Corner Notched Kalife, blieckit proximal Archaic, Late Woodland, Middle 145 Surface general 1 Stone Corner Notched Kalife, blieckit proximal Archaic, Late Woodland, Middle 148 Surface general 1 Stone Corner Notched Kalife, blieckit proximal Archaic, Late Woodland 149 Surface general 1 Stone Corner Notched Kalife, blieckit proximal Archaic, Late Woodland 149 Surface general 1 Stone Corner Notched Kalife, blieckit proximal Archaic, Late Woodland 149 Surface general 1 Stone Corner Notched Kalife, blieckit proximal Archaic, Late Woodland 140 Surface general 1 Stone Corner Notched Kalife, blieckit proximal Archaic, Late Woodland 140 Surface general 1 Stone Corner Notched Kalife, blieckit whole Archai	23DA371	<u> </u>	Surface - general	_	Snyders	Name of the Party	al Calo	Woodland, Middle	Kaife
133 Surface general 1 Snyders Kaife, bifacial provinal Woodland, Middle 134 Surface general 1 Snyders Kaife, bifacial provinal Woodland, Middle 135 Surface general 1 Snyders Kaife, bifacial provinal Woodland, Middle 136 Surface general 1 Undensified Raife, bifacial mideocion Unknown 137 Surface general 1 Undensified Raife, bifacial mideocion Unknown 138 Surface general 1 Undensified Raife, bifacial mideocion Unknown 139 Surface general 1 Undensified Raife, bifacial provinal Unknown 140 Surface general 1 Undensified Raife, bifacial provinal Unknown 141 Surface general 1 Undensified Raife, bifacial provinal Archaic, Middle 142 Surface general 1 Undensified Raife, bifacial provinal Archaic, Middle 143 Surface general 1 Undensified Raife, bifacial provinal Archaic, Middle 144 Surface general 1 Undensified Raife, bifacial provinal Archaic, Middle 145 Surface general 1 Surface general 1 Undensified Raife, bifacial provinal Archaic, Middle 146 Surface general 1 Surface general	23DA371	1.31	Surface - general		Snyders	Nation of section	- Continual	Woodland, Middle	Kalle
1.34 Surface general 1 Sayders Natice batterial proximati Woodland, Middle 1.35 Surface general 1 Sayders preform? Preform mideocine Unknown 1.36 Surface general 1 Sayders preform? Raife, bifficial whole Unknown 1.39 Surface general 1 Undeastified Raife, bifficial mideocine Unknown 1.40 Surface general 1 Undeastified Raife, bifficial general 1 Surface general 1 Undeastified Raife, bifficial general 2 Surface general 1 Surface gene	23DA371	1.32	Surface - Beneral	-	Snyders	Natice, ottocki	lembore	Woodland, Middle	Kaife
1.34 Surface general 1 Suyders Mails bildeal proform mideocion Unknown Unknown 1.35 Surface general 1 Undensified Proform mideocion Unknown Undensified Proform Mails bildeal Whole Unknown Undensified Mails bildeal mideocion Unknown Undensified Mails bildeal mideocion Unknown Undensified Mails bildeal mideocion Unknown Undensified Mails bildeal globe and acceptant 1 Undensified Mails bildeal globe and acceptant Unknown Undensified Mails bildeal globe and acceptant Unknown Undensified Mails bildeal globe and acceptant of Standlee Mails globe and acceptant of Standlee Mails bildeal globe and acceptant of Standlee Mails globe and acceptant of Standlee Mails bildeal globe and acceptant of Standlee Mails bild	23DA371	1.33	Surface - general	_	Sayders	Kinite, ou sour		Woodland Middle	Knife
1-35 Surface green 1 74 Ubdessified Preform missection Unknown 1-35 Surface green 1 14 Ubdessified Preform Mark Make 1 15 Suppose 1-37 Surface green 1 1 Ubdessified Kalfe bildes 1 missection Unknown 1-30 Surface green 1 1 Ubdessified Kalfe bildes 1 missection Unknown 1-30 Surface green 1 1 Ubdessified Kalfe bildes 1 the Surface green 1 Subdessified Kalfe bildes 1 the Subdessifi	23DA371	ス :	Surface - general		Sayders	Kaife, bilacial	The state of	E-ported I	Unknown
1-35 Surface general 6 Undessified Preform missection Visionizad, Middle? 1-37 Surface general 1 Supplementary (Aulic, bilicial) whole Unknown Unknown Unknown (1-4) Surface general 1 Undessified Raife, bilicial mideotion Unknown (Unknown Unknown Unknown Unknown Unknown (1-4) Surface general 1 Undessified Raife, bilicial fife of Unknown (Unknown Unknown Unknown Unknown Unknown (1-4) Surface general 1 Undessified Kaife, bilicial proximal Archaic, Middle (1-4) Surface general 1 Undessified Kaife, bilicial proximal Archaic, Middle (1-4) Surface general 1 Supplementary (Xaife, bilicial) proximal (Woodland, Middle (1-4) Surface general 1 Supplementary (Xaife, bilicial) proximal (Woodland, Middle (1-4) Surface general 1 Supplementary (Xaife, bilicial) proximal (Woodland, Middle (1-4) Surface general 1 Supplementary (Xaife, bilicial) proximal (Woodland, Middle (1-4) Surface general 1 Supplementary (Xaife, bilicial) proximal (Woodland, Middle (1-4) Surface general 1 Supplementary (Xaife, bilicial) proximal (Woodland, Middle (1-4) Surface general 1 Supplementary (Xaife, bilicial) proximal (Woodland, Middle (1-5) Surface general 1 Supplementary (Xaife, bilicial) proximal (Woodland, Middle (1-5) Surface general 1 Supplementary (Xaife, bilicial) proximal (Woodland, Middle (1-5) Surface general 1 Subplementary (Xaife, bilicial) proximal (Woodland, Middle (1-5) Surface general 1 Subplementary (Xaife, bilicial) proximal (Woodland, Middle (1-5) Surface general 1 Subplementary (Xaife, bilicial) proximal (Woodland, Middle (1-5) Surface general (1 Subplementary (Xaife, bilicial) proximal (Woodland, Middle (1-5) Surface general (1 Subplementary (Xaife, bilicial) proximal (Woodland, Middle (1-5) Surface general (1 Subplementary (Xaife, bilicial) proximal (Woodland, Middle (1-5) Surface general (1 Subplementary (Xaife, bilicial) proximal (Woodland, Middle (1-5) Surface general (1 Subplementary (Xaife, bilicial) proximal (Middle (1-5) Surface general (1 Subplementary (Middle (1-5) Surface general (1 Subplementary (Middle (1-5) Surface	23DA371	1.35	Surface - general	Z	Unclassified	Preform	Bottoeserios		Unknown
1.37 Surface general 1 Suydern preform? Kalic blickal whole vocatinacy relations 1.38 Surface general 1 Undessified Afric blickal midection Unknown Unknown 1.40 Surface general 1 Undessified Raife blickal midection Unknown Unknown 1.42 Surface general 1 Undessified Raife blickal fig Unknown 1.43 Surface general 1 Undessified Kalic blickal proximal Archaic, Middle 1.44 Surface general 1 Undessified Kalic blickal proximal Archaic, Middle 1.45 Surface general 1 Undessified Kalic blickal proximal Archaic, Middle 1.45 Surface general 1 Surface general	23DA371	 X:	Surface - general	•	Unclassified	Preform	THORSECTION.	SHOWING THE PARTY OF	Kaife
1.36 Surface general 1 Undessified Kaife, blacial midection Unknown 1.40 Surface general 1 Undessified Kaife, blacial midection Unknown 1.41 Surface general 1 Undessified Kaife, blacial ifp Unknown 1.42 Surface general 1 Undessified Kaife, blacial proximal Unknown 1.44 Surface general 1 Undessified Kaife, blacial proximal Archaic, Middle 1.45 Surface general 1 Undessified Kaife, blacial proximal Archaic, Middle 1.46 Surface general 1 Undessified Kaife, blacial proximal Woodland, Middle 1.47 Surface general 1 Surface general 2 Surface general 3 Surface General 4 Surface General 4 Surface General 4 Surface Surface Surf	23DA371	1.37	Surface - general	-	Sayders preform?	Kaife, bifactal	Arboic.		Woodworking heavy
1.40 Surface general 17 Unclassified Kaife, bifacial midacotion Unknown 1.41 Surface general 1 Unclassified Kaife, bifacial proximal Archaic, Middle 1.42 Surface general 1 Unclassified Kaife, bifacial proximal Archaic, Middle 1.44 Surface general 1 Unclassified Kaife, bifacial proximal Archaic, Middle 1.45 Surface general 1 Unclassified Kaife, bifacial proximal Archaic, Middle 1.46 Surface general 1 Unclassified Kaife, bifacial proximal Archaic, Middle 1.47 Surface general 1 Supersonal 1 Supersonal Middle 1.48 Surface general 1 Supersonal Middle 1.49 Surface general 1 Supersonal Middle 1.40 Surface general 1 Supersonal Middle 1.50 Surface general 1 Supersonal Middle 1.51 Surface general 1 Supersonal Middle 1.52 Surface general 1 Supersonal Middle 1.53 Surface general 1 Supersonal Middle 1.54 Surface general 1 Supersonal Middle 1.55 Surface general 1 Supersonal Middle 1.56 Surface general 1 Supersonal Middle 1.57 Surface general 1 Supersonal Middle 1.58 Surface general 1 Supersonal Middle 1.59 Surface general 1 Supersonal Middle 1.50 Surface general 1 Supersonal Middle 1.50 Surface general 1 Supersonal Middle 1.51 Surface general 1 Supersonal Middle 1.52 Surface general 1 Supersonal Middle 1.53 Surface general 1 Supersonal Middle 1.54 Surface general 1 Supersonal Middle 1.55 Surface general 1 Supersonal Middle 1.56 Surface general 1 Supersonal Middle 1.57 Surface general 1 Supersonal Middle 1.58 Surface general 1 Supersonal Middle 1.59 Surface general 1 Supersonal Middle 1.50 Surface general 1 Supersonal Middle 1.50 Surface general 1 Supersonal Middle 1.51 Surface general 1 Supersonal Middle 1.52 Surface general 1 Supersonal Middle 1.53 Surface general 1 Supersonal Middle 1.54 Surface general 1 Supersonal Middle 1.55 Surface general 1 Supersonal Middle 1.56 Surface general 1 Supersonal Middle 1.57 Supersonal Middle 1.58 Surface general 1 Supersonal Middle 1.59 Surface general 1 Supersonal Middle 1.50 Surface general 1 Supersonal Middle 1.51 Supersonal Middle 1.52 Surface general 1 Supersonal Middle 1.53 Surface	23DA 331	3	Surface - general	_	Und sexified	Adore	whole	Charles	- i-i-
Surface general Unclassified Biface, stemmed Unknown 142 Surface general Unclassified Kaife, bifacial tip Unknown 43 Surface general Unclassified Kaife, bifacial tip Archaic, Middle 44 Surface general Unclassified Kaife, bifacial proximal Archaic, Middle 45 Surface general Unclassified Kaife, bifacial proximal Archaic, Middle 46 Surface general Unclassified Kaife, bifacial proximal Archaic, Middle 47 Surface general Surface general Stone Corner Noiched Kaife, bifacial proximal Archaic, Late - Woodland, Middle 48 Surface general Stone Corner Noiched Kaife, bifacial proximal Archaic, Late - Woodland 49 Surface general Stone Corner Noiched Kaife, bifacial proximal Archaic, Late - Woodland 40 Surface general Stone Corner Noiched Kaife, bifacial proximal Archaic, Late - Woodland 40 Surface general Stone Corner Noiched Kaife, bifacial proximal Archaic, Late - Woodland 40 Surface general Surf	110411	2	Surface - meneral	=	Unclassified	Kaife, bifacial	midsection	Unknown	
1.42 Surface general I Unclassified Kaife, bificial distal Unknown 1.43 Surface general I Unclassified Kaife, bificial ifp Archaic, Middle 1.44 Surface general I Unclassified Kaife, bificial proximal Archaic, Middle 1.45 Surface general I Suyders-like Kaife, bificial proximal Archaic, Middle 1.47 Surface general I Suyders Kaife, bificial proximal Archaic, Middle 1.48 Surface general I Suyders Kaife, bificial whole Woodland, Middle Late 1.49 Surface general I Stone Corner Notched Kaife, bificial proximal Archaic, Late - Woodland, Middle 1.50 Surface general I Langry Kaife, bificial proximal Archaic, Late - Woodland 1.51 Surface general I Stone Corner Notched Kaife, bificial proximal Archaic, Late - Woodland 1.52 Surface general I Dickson Kaife, bificial proximal Woodland, Middle 1.53 Surface general I Stone Corner Notched Kaife, bificial proximal Woodland, Middle 1.54 Surface general I Standlee Kaife, bificial whole Archaic, Term Woodland 1.55 Surface general I Standlee Kaife, bificial whole Archaic, Term Woodland 1.56 Surface general I Standlee Kaife, bificial proximal Archaic, Term Woodland 1.56 Surface general I Standlee Kaife, bificial proximal Archaic, Term Woodland 1.56 Surface general I Standlee Kaife, bificial proximal Archaic, Term Woodland 1.56 Surface general I Standlee Kaife, bificial proximal Archaic, Term Woodland 1.56 Surface general I Standlee Kaife, bificial proximal Archaic, Term Woodland 1.57 Surface general I Standlee Kaife, bificial proximal Archaic, Term Woodland 1.58 Surface general I Standlee Kaife, bificial proximal Archaic, Term Woodland	110 VOICE	} -	Surface - gracial	ĸ	Understilled	Biface, stemmed		Uaknown	Chichowa
Undessified Kaife, bifacial if Undessified Kaife, bifacial proximal Archaic, Middle 1-44 Surface general I Undessified Kaife, bifacial proximal Archaic, Middle 1-45 Surface general I Undessified Kaife, bifacial proximal Archaic, Middle 1-46 Surface general I Suyders-like Kaife, bifacial proximal Woodland, Middle 1-47 Surface general I Suyders Kaife, bifacial proximal Woodland, Middle - Late 1-48 Surface general I Super-Corner Notched Kaife, bifacial proximal Archaic, Late 1-49 Surface general I Super-Corner Notched Kaife, bifacial proximal Archaic, Late 1-50 Surface general I Langry Kaife, bifacial proximal Archaic, Late Woodland 1-51 Surface general I Eungry Kaife, bifacial proximal Archaic, Late - Woodland 1-52 Surface general I Eungry Kaife, bifacial proximal Archaic, Term Woodland 1-53 Surface general I Sundice Kaife, bifacial proximal Archaic, Term Woodland 1-54 Surface general I Eungry Kaife, bifacial proximal Archaic, Term Woodland 1-55 Surface general I Eungry Kaife, bifacial proximal Archaic, Term Woodland 1-55 Surface general I Eungry Kaife, bifacial proximal Archaic, Term Woodland 1-55 Surface general I Eungry Kaife, bifacial proximal Archaic, Term Woodland 1-55 Surface general I Eungry Kaife, bifacial proximal Archaic, Term Woodland 1-55 Surface general I Eungry Kaife, bifacial proximal proximal Archaic, Term Woodland 1-55 Surface general I Eungry Kaife, bifacial proximal proximal proximal Archaic, Term Woodland 1-55 Surface general I Eungry Kaife, bifacial proximal pro	370 471	3	Surface - series	-	Unclassified	Kaife, bifactul	distal	Unknown	ong s
Surface general I Unclassified Kaife, bifacial proximal Archaic, Middle 1-45 Surface general I Unclassified Kaife, bifacial proximal Archaic, Middle 1-46 Surface general I Unclassified Kaife, bifacial proximal Archaic, Middle 1-47 Surface general I Surface Kaife, bifacial proximal Woodland, Middle 1-48 Surface general I Survace Kaife, bifacial whole Woodland, Middle Late 1-49 Surface general I Stone Corner Notched Knife, bifacial proximal Archaic, Late 1-50 Surface general I Langfry Knife, bifacial proximal Archaic, Late Woodland 1-51 Surface general I Langfry Knife, bifacial proximal Woodland, Middle 1-52 Surface general I Stone Corner Notched Knife, bifacial proximal Archaic, Late - Woodland, Middle 1-53 Surface general I Stone Knife, bifacial proximal Woodland, Middle 1-54 Surface general I Stone Knife, bifacial proximal Archaic, Term Woodland 1-55 Surface general I Stone Knife, bifacial proximal Archaic, Term Woodland 1-55 Surface general I Stone Knife, bifacial proximal Archaic, Term Woodland 1-56 Surface general I Standlee Knife, bifacial proximal Archaic, Term Woodland 1-56 Surface general I Standlee Knife, bifacial proximal Archaic, Term Woodland 1-55 Surface general I Standlee Knife, bifacial proximal Archaic, Term Woodland 1-56 Surface general I Standlee Knife, bifacial proximal Archaic, Term Woodland 1-57 Surface general I Standlee Knife, bifacial proximal Archaic, Term Woodland 1-57 Surface general I Standlee Knife, bifacial proximal Archaic, Term Woodland	1/5MU52	7	Surface agency		Unclassified	Kalfe, bifacial	dy.	Unknown	Knife
1.45 Surface general 1 Unclassified Kaife, bifacial proximal Archaic, Middle 1.46 Surface general 1 Unclassified Kaife, bifacial proximal Archaic, Middle 1.47 Surface general 1 Suyders like Kaife, bifacial proximal Woodland, Middle 1.48 Surface general 1 Supper Middle Late 1.49 Surface general 1 Supper Comer Notched Kaife, bifacial proximal Archaic, Late 1.50 Surface general 1 Langtry Kaife, bifacial proximal Archaic, Late 1.51 Surface general 1 Langtry Kaife, bifacial proximal Archaic, Late 1.52 Surface general 1 Dickson Kaife, bifacial proximal Woodland, Middle 1.53 Surface general 1 Dickson Kaife, bifacial whole Archaic, Term. Woodland 1.54 Surface general 1 Standlee Kaife, bifacial proximal Archaic, Term. Woodland 1.55 Surface general 1 Standlee Kaife, bifacial proximal Archaic, Term. Woodland 1.56 Surface general 1 Standlee Kaife, bifacial proximal Archaic, Term. Woodland 1.56 Surface general 1 Standlee Kaife, bifacial proximal Archaic, Term. Woodland 1.57 Surface general 1 Standlee Kaife, bifacial proximal Archaic, Term. Woodland 1.58 Surface general 1 Standlee Kaife, bifacial proximal Archaic, Term. Woodland	25DA371	? :	Suiter - Benefit		Lindseeffed	Knife, bifacial		Archaic, Middle	Kuifel
1-45 Surface general I Unchassified Kaife, bifacial proximal Archaic, Middle 1-46 Surface general I Unchassified Kaife, bifacial proximal Woodland, Middle 1-47 Surface general I Supders Kaife, bifacial whole Woodland, Middle Lase 1-49 Surface general I Stone Corner Notched Knife, bifacial whole Archaic, Late Woodland Middle 1-51 Surface general I Langtry Knife, bifacial proximal Archaic, Late Woodland 1-52 Surface general I Excesson Knife, bifacial proximal Woodland, Middle 1-53 Surface general I Woodland, Middle 1-54 Surface general I Woodland, Middle 1-55 Surface general I Woodland, Middle 1-56 Surface general I Woodland Middle 1-57 Surface general I Woodland Middle 1-58 Surface general I Woodland Middle 1-59 Surface general I Woodland Archaic, Term Woodland 1-50 Surface general I Standlee Knife, bifacial whole Archaic, Term Woodland 1-50 Surface general I Standlee Knife, bifacial proximal Archaic, Term Woodland 1-55 Surface general I Standlee Knife, bifacial proximal Archaic, Term Woodland 1-56 Surface general I Standlee Knife, bifacial proximal Archaic, Term Woodland	23DA371	4	Surface - general		[Indiamiliad	Keife, bifacial	proximal	Archaic, Middle	Knife?
1-46 Surface general 1 Suyders (Kaife, blincial proximal Woodland, Middle Late 1-47 Surface general 1 Suyders (Kaife, blincial whole Woodland, Middle - Late 1-48 Surface general 1 Stone Comer Notched Kaife, blincial whole Archaic, Late Woodland Langtry Kaife, blincial proximal Archaic, Late - Woodland, Middle Late 1-52 Surface general 1 Langtry Kaife, blincial proximal Archaic, Late - Woodland, Middle 1-53 Surface general 1 Langtry Kaife, blincial proximal Woodland, Middle 1-54 Surface general 1 Dickson Kaife, blincial proximal Woodland, Middle 1-55 Surface general 1 Standlee Kaife, blincial whole Archaic, Term Woodland Langtry Kaife, blincial whole Archaic, Term Woodland Langtry Kaife, blincial proximal Archaic, Term Woodland Langtry	23DA371	<u>.</u>	Surface - Fencial	- -	Cladentine.	Knife, hifacial	proximal	Archaic, Middle	Knife?
1-47 Surface general 1 Suyders Kalfe, blfacial whole Woodland, Middle - Late 1-49 Surface general 1 Stone Corner Notched Kalfe, blfacial whole Woodland, Middle - Late 1-50 Surface general 1 Stone Corner Notched Kalfe, blfacial proximal Archaic, Late - Woodland, Langtry Kalfe, blfacial proximal Archaic, Late - Woodland	23DA371	2	Surface - general		Courtee like	Knife, bifacial	proximal	Woodland, Middle	Knife
1-48 Surface general I Stone Corner Notched Knife, bifacial whole Woodland, Middle - Late 1-49 Surface general I Stone Corner Notched Knife, bifacial whole Archaic, Late - Woodland 1-51 Surface general I Langtry Knife, bifacial proximal Archaic, Late - Woodland 1-52 Surface general I Langtry Knife, bifacial proximal Woodland Middle 1-53 Surface general I Dickson Knife, bifacial proximal Woodland, Middle 1-54 Surface general I Standlee Knife, bifacial whole Archaic, Term Woodland 1-55 Surface general I Standlee Knife, bifacial whole Archaic, Term Woodland 1-56 Surface general I Standlee Knife, bifacial proximal Archaic, Term Woodland 1-56 Surface general I Standlee Knife, bifacial proximal Archaic, Term Woodland	23DA371	1.47	Surface - Beneral	. .	Surden.	Knife hitarial	•	Woodland, Middle	Kaife?
1-49 Surface general 1 Stone Corner Notched Knife, bifacial proximal Archaic, Late - Woodland 1-51 Surface general 1 Langtry Knife, bifacial proximal Archaic, Late - Woodland 1-52 Surface general 1 Langtry Knife, bifacial proximal Archaic, Late - Woodland Middle 1-53 Surface general 1 Dickson Knife, bifacial proximal Woodland, Middle 1-54 Surface general 1 Dickson Knife, bifacial whole Archaic, Term Woodland 1-55 Surface general 1 Standlee Knife, bifacial whole Archaic, Term Woodland 1-56 Surface general 1 Standlee Knife, bifacial proximal Archaic, Term Woodland 1-56 Surface general 1 Standlee Knife, bifacial proximal Archaic, Term Woodland 1-56 Surface general 1 Standlee Knife, bifacial proximal Archaic, Term Woodland	23DA371	4	Surface - general		Suydens	Kaife hifacial	whole	Woodland, Middle - Late	Knife
1-50 Surface general 1 Stone Corner Frontage Knife, blacial proximal Archaic, Late - Woodland 1-51 Surface general 1 Langtry Knife, blacial proximal Archaic, Late - Woodland Middle 1-52 Surface general 1 Excleson Knife, blacial proximal Woodland, Middle 1-54 Surface general 1 Dickson Knife, blacial proximal Woodland, Middle 1-54 Surface general 1 Standlee Knife, bifacial whole Archaic, Term Woodland 1-55 Surface general 1 Standlee Knife, bifacial proximal Archaic, Term Woodland 1-55 Surface general 1 Standlee Knife, bifacial proximal Archaic, Term Woodland 1-55 Surface general 1 Standlee Knife, bifacial proximal Archaic, Term Woodland	230A371	1.49	Surface - general	 .	Section Matches	KnifeAcranet	wbole	Archaic, Late	Knife
1-51 Surface general 1 Langtry Knife, bifacial proximal Archaic, Late - Woodland 1-52 Surface general 1 Exclason Knife, bifacial proximal Woodland, Middle 1-53 Surface general 1 Dickson Knife, bifacial whole Archaic, Term Woodland 1-54 Surface general 1 Standiee Knife, bifacial whole Archaic, Term Woodland 1-55 Surface general 1 Standiee Knife, bifacial proximal Archaic, Term Woodland 1-56 Surface general 1 Standiee Knife, bifacial proximal Archaic, Term Woodland	23DA371	S:-	Surface - general		Stone Corner Ivorcaco	Weife Marie	neoximal	Archaic, Late - Woodland	Knife
1-52 Surface general i Langity Knife, bifacial proximal Woodland, Middle 1-53 Surface general 1 Dickson Knife, bifacial proximal Woodland, Middle 1-54 Surface general 1 Dickson Knife, bifacial whole Archaic, Term Woodland 1-55 Surface general 1 Standlee Knife, bifacial whole Archaic, Term Woodland 1-56 Surface general 1 Standlee Knife, bifacial proximal Archaic, Term Woodland	23DA371	1.51	Surface - Beneral	-	Langtry	Maile, parent	amorima)	Archaic Late - Woodland	Knife
1.53 Surface general 1 Dickson Knife, bilacial proximal vicolatura, proximal vicolatura, proximal vicolatura, proximal vicolatura, proximal vicolatura, didde dickson Knife, bifacial vicolatura, rem Woodland Knife, bifacial vicolatura, rem Woodland Knife, bifacial vicolatura, rem Woodland Knife, bifacial proximal Archaic, Term Woodland controlatura, rem	23DA371	1.52	Surface - Beneral		Lengtry	Maile, ouecal	To the second	Woodland Middle	Knife?
1-54 Surface general 1 Dickson Knife, bilacial proxicial robustant proxicial robustant proxicial whole Archaic, Term Woodland 1-55 Surface general 1 Standiee Knife, bifacial whole Archaic, Term Woodland 1-56 Surface general 1 Standiee Knife, bifacial proximal Archaic, Term Woodland 1-56 Surface general 1 Standiee Knife, bifacial proximal Archaic, Term Woodland 1-56 Surface general 1 Standiee Knife, bifacial proximal Archaic, Term Woodland 1-56 Surface general 1-56 Surface	23DA371	1.53	Surface - Beneral	-	Dickson	Kaife, bilacial	proximal	Wording Middle	Knife
1.55 Surface green! i Standlee Knife, bifacial whole Archaic, Term Woodland 1.56 Surface green! 1 Standlee Knife, bifacial whole Archaic, Term Woodland 1.56 Surface green! 1 Standlee Knife, bifacial proximal Archaic, Term Woodland	23DA 371	1.54	Surface - general	_	Dickson	Knile, bilacial	מסאותיתו	Total Title	y is
1.56 Surface general 1 Standlee Knife, bifacial whole Archaic, Ierm Woodland	23DA 171	1.55	Surface - gereral		Standlee	Kaife, bifacial	whole	Archaic, Jerm Woodiand	Vaile
Knife, bifacial proximal Archaic, Term Woodland	120.475	3	Surface - Benefit		Standlee	Knife, bifacial	whole	Archaic, Lerm Woodland	Nate
	1/20027	3 5	Surface - meneral	-	Standlee	Kaife, bifacial	proximal	Archaic, Term Woodland	Krite

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Stone tools collected by Howard Wimmer

Site No.	Cet. No.	Proven ence	כנ	Lype Name	Artifact Description	Portion	Cultural Amiliators	noneman a Comman a
23DA371	85.1	Surface - general	-	Langiny	Projectile point/knife	whole	Archaic, Late - Woodland	Kaife
23DA371	1.59	Surface - general	_	Langin	Kaife, Macial	whole	Archaic, Ease - Woodland	Knife
23DA37t	8	Surface - general	-	Langity	Dart point	wboie	Archaic, Late - Woodland	Dart polat
23DA371	19:1	Surface - general		Standlee-like	Kaife, bifacial	whole	Archaic, Term Woodland	Kaife
23DA371	1.62	Surface - general	_	Gury	Kaife, bifacial	whole	Woodland	Kaife
23DA371	1.63	Surface - general		Stone Corner Notched	Projectile point/kalfe	whole	Archalo, Late	Dart polat
13DA371	1.64	Surface - general		Stone Corner Notched	Knife, bifacial	proximal	Archald, Late	Kaife
13DA371	1.65	Surface - general	•	Understilled	Nínce, stemmed	proximal	Unknown	Unknown
23DA371	¥:1	Surface - general	-	Unchessified	Kaife, bifacial	proximal	Unknown	Knife
13DA371	1.67	Surface - general	_	Understilled	Projectile point/taife	wbole	Unknown (Late Archafe?)	Knife
23DA 371	1-68	Surface - general		Understified	Projective polat/haife	proximal	Uaknown	Kalle
23DA371	69-1	Surface - general	_	Undeedfied	Knife, bifacia!	whole	Caknown	Knife
23DA371	1.70	Surface - general	-	Unchentified	Knife, bifacial	proximat	Unknown	Kaife?
23DA371	1.71	Surface - general	-	Undrestfied	Knife, bifacta?	proximal	Unknown	Kaffe
23DA371	r.	Surface - general		Unchersified	Biface, stemmed	proximal	Unknows	Unknown
23DA371	1.73	Surface - general		Undersified	Kalfe, bifacial	midsection	Unknown	Kaife
23DA371	1.74	Surface - general	-	Sny ders?	Kalfe, bifacial	proximal	Woodland, Middle	Kaife
23DA371	1.75	Surface - general	-	Undeestfied	Dart polat	whole	Unknown	Dark point?
23DA371	1.76	Surface - general		Sicuben	Knife, bifacial	proximal	Woodland, Middle - Late	Knife
23DA371	1:1	Surface - general	_	Struben	Projectile polat/kalfe	proximal	Woodland, Middle - Late	Kaife
23DA371	1.78	Surface - general	-	Unclassified	Knife, bifacial	whole	Unknown	Knife
23DA371	۲.3	Surface - personal	-	Unclassified	Knife, bifacial	w.bok	Unknown	Kaife
23DA371	1.80	Surface - general	-	Rice Side Notched	Biface, stemmed	proximal	Woodland, Late	Unknown
23DA371	1.81	Surface - general	<u></u>	Table Rock Variant	Bilice, stemmed	stem	Archaic, Late	Unknown
23DA37E	1-82	Surface - general	m	Unchestited	Biface	अद्वीत व्यक्ति	Unknown	Unknown
23DA 371	1.83	Surface - general	~	Klunk Side Norched	Arrow point	whole	Woodland, Late	Arrow point
23UA371	1-8-1	Surface - general	7	Unchestited	Knife, bifacial	mdection	Unknown	Kadle
23DA 371	1.85	Surface - general	7	Unchassified	Dart point	midsection	Unknown	Dart polat
23DA371	3 8-1	Surface - process	_	Undaesified	Knife, bifacial	proximal	Unknown	Knife
23DA37L	1.87	Surface - general	~	Unchessified	Scraper, bifacial side	midrection	Unknown	Scraper
23DA371	 83	Surface - general	_	Unchassified	Drill, Miscial	whole	Woodland, Late?	Perforating
23DA371	1.89	Surface - general		Unclassified	Drill, Mischell	midsection	Unknown	Perforator
23DA371	06:1	Surface - general	4	Unchassified	Drill, Mfacial	bassa	Unknown	Perforator
23DA371	16-1	Surface - general	- -	Flanca?	Dart point	Stem	Archaic, Late	Dart point
11.40.4	8	described to the Paris	•	The standard	Maifediament Cake beat	* 2		

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		ار	Provenience
	Unclassified	1 Unchassified	Surface general 1 Unclassified
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	Unclassified	1 Unclassified	
	Unclassified	1 Understried	
	Unclassified	1 Unclassified	
	Unclassified	1 Occientified	Surface - general 1 Unchessified
	Undersified	Doctared fred	Surface - general 1 Undarsafred
	Undersitied) notestified	
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	Chalenified		. ,
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92	nder Corner Northod	i meles Comes Norther	
ł	Smelen	The state of the s	- -
	Big Creek	1 Big Creek	
	Blg Creek	Ble Creek	Surface - gradeful 1 Big Creek
	Rio Creek-like	Bie Creek-like	
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	Unchassicad	1 Undarstined	Surface - general 1 Unchassified
	Unclassified	1 Unchassified	
z	ione Comer Notched	1 Stone Comer Notched	_
47	tone Comer Notched?	Store Corner Notched?	•
;	Kolle Collect twoman	Skole Collections	- 1
	Ondarsnieu	S Ond Extract	Surface - general 3 Undassitied

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Stone tools collected by Howard Wimmer

Site No	S	Provenience	ט	Type Name	Artifact Description	Portion	Cultural Affilition	Charley Function
23DA371	1.12	Surface - general	~	Unchessified	Preform	midsection	Unknown	Uninown
23DA371	1-12	Surface - general	1	White River	Projectile point/Inife	whole	Archaic, Middle	Dart point
23DA371	1.13	Surface - general		Unclassified	Arrow point	whole	Mississippl, Early	Arrow point
23DA371	1.13	Surface - general	-	Unclassified	Arrow point	wbole	Mississippi, Early	Arrow point
23DA371	1-13	Surface - general	-	Scattora	Arrow polat	whole	Woodland, Late Mississipp	Arrow point
23DA371	1-13	Surface - general	+ 4	Unchantified	Soraper, bifacial end	whole	Woodland	Sanper
23DA371	1-13	Surface - general	-	Understilled	Somper, flate	K'A	Woodland	Scriper
23DA371	1.13	Surface - general	1	Unchessified	Scriper, falte	V/V	Woodland	Scraper
23DA371	1-13	Surface - general		Unchassified	Scriper, fake	N/A	Woodland	Somper
23DA 371	1-13	Surface - general	-	Unclassified	Preform	wbole	Unknown	Unknown
23DA371	1-13	Surface - general	-	(Jacksssifted	Preform	proximal	Unknown	Unknown
23DA371	1-13	Surface - general		Unclassified	Preform	proximal	Woodland?	Unknown
23DA371	1-14	Surface - general	-	Unclassified	Preform	proximal	Woodland?	Unknown
23DA371	1-14	Surface - general	-	Unclassified	Actor	whole	Unknown	Woodworking, heavy
23DA372	1.1	Surface - general	-	Updassified	Preform	proximal	Uaknown	Unknown
23DA372	1.2	Surface - general	-	Unchareified	Preform	proximal	Unknown	Unknown
23DA372	1.3	Surface - general	-	Updassified	Preform	proximal	Unknown	Uelmown
230:4373	7-1	Surface - general	u	Big Creek	Dart point	STETE	Archaic, Late	Dart point
227A373	[-]	Surface - general	-	Unclassified	Preform	whole	Unknown	Unknown
A373	1-3	Surface - general	7	Unclassified	Knife, bifacial	midection	Unknown	Knife
A373	7	Surface - general	6=4	Undersified	Preform	proximal	Unknown	Unknown
4373	1.5	Surface - general	7	Uncheesified	Preform	proximal	[fatnown	Unknown
JA373	9-1	Surface - general		Unclassified	Hark	proximal	(faknown	Unknown
23DA374	1:1	Surface - general	-	Unclassified	Scraper, fikke	٨/٨	Woodland	Scraper
~1DA374	1.2	Surface - general	-	Unclassified	Scraper, bifacial end	fragment	Woodland	Scriper
A374	1.3	Surface - general	-	Undersified	Preform	distal	(Jaknown	Unknown
IDA374	7.	Surface - general	-	Unclassified	Biface, stemmed	proximal	Unknown	Unimown
14374	5-1	Surface - general	7	Unclassified	Knife, bifacial	midsection	Unknown	Knife
JA375	:	Surface - general		Unclassified	Knife, bifacial	whole	Archaic, Late	Knife
1A376	1-1	Surface - general	_	Unclassified	Kaile, bifacial	whole	Archaic, Late	Kaife
A376	1.7	Surface - general		Stone Square Stemmed var.	Kaife, bifacial	a hole	Archaic, Late?	Knife
3,4376	1.3	Surface - general		Kings Corner Notched?	Dart point	midsection	Archaic, Late - Woodland	Dart point
. DA376	7.	Surface - general	, , ,	Unchassified	Preform	proximat	(Johnson	Unknown
23DA376	1.5	Surface - general	7	Unclassified	Риссопп	midsection	Unknown	nknown
			•	:	Walte hifanial	-1-4···	A colonia forth	7,-1

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I S	1	Omeranian	6	Tree Man	A calfornia Dancalosina	Postion	Culman & Citizon	Primary Function
Sile no.	CEL NO.	Trovelle Confession	- ز	Liver Dank	Designation of the life	a children	etal cicatory	Dark molas
23DA3//	7-1	Surface - general	-	ranna-ire	rojective potavanie	a coord	עוביין דעוני	
23DA 77	1:3	Surface - general	-	Unclassified	Knife, bifacial	proximal	Archaec Late	Knife
23DA377	7	Surface - general	_	Unclassified	Knife, bifacial	proximal	Archaic, Late	Knife
23DA577	1-5	Surface - general	-	Kings Corner Notched	Projectile point/knife	whole	Archaic, Late - Woodland	Dart point
23DA377	97	Surface - general		Big Creek	Knife, bifactal	whole	Archaic, Late	Kaife
230A377	1.1	Surface - general	-	Big Creek	Biface, stemmed	proximal	Archaic, Late	Unknown
23DA377	9 7	Surface - general	-	Unclassified	Kaife, bifacial	whole	Mississippi, Early?	Kaife
23DA377	1-9	Surface - general	-	Undersitied	Knife, bifacial	proximal	Woodland?	Knife
23DA377	1.10	Surface - general	6	Unchassified	Kaife, bifacial	midsection	Unknown	Knife
23DA377	11-11	Surface - general	7	Unclassified	Preform	proximal	Unknown	Unknown
23DA379	1-1	Surface - general	-	Unclassified	Kalfe, bifacial	proximal	Archaic, Late	Knife
23DA379	1.2	Surface - general	_	Afton variant	Kalfe, bifacial	whole	Archale, Late	Kalfe
23DA380	1-1	Surface - general	-	Kings Corner Notched	Knife, bifacial	whole	Archaic, Late - Woodland	Knife
23DA380	1-2	Surface - general		Uncheesified	Kaife, bifacial	midvection	Uskowa	Knife
23DA380	1.3	Surface - general		Unchesified	ப்படி	distal	Urtnown	Caknown
23DA380	7.	Surface - general	-	Unclassified	Hank	whole	Unknown	Unknown
23DA381	:	Surface - general	_	Unchestified	Biface, stemmed	£17.3	Archaic, Late or Woodland	Unknown
23D.1381	1.2	Surface - general		Unclassified	Preform	proximal	Unknown	Unknown
23DA381	1.3	Surface - general	-	Unclassified	Preform	midection	Unimown	Usknown
23DA382	1-1	Surface - general	-	Scallora	Arrow point	w.boke	Woodland, Late-Mississipp	Arrow point
23DA382	1-2	Surface - general	-	Table Rock Stemmed	Dart polat	Skm	Archaic, Late	Dert point
23DA382	1-3	Surface - general	-	Unclassified	Preform	whole	Mississippi	Arrow point preform
23DA382	7.	Surface - general	7	Unchassified	Kaife, bifacial	midsection	Unknown	Knife
23DA382	1-5	Surface - general	2	Unclassified	Biface	midsection	Unknown	Unknown
23DA383	1.1	Surface - general	-	Big Creek	Knife, bifacial	w boke	Archaic, Late	Kaife
23DA383	1-2	Surface - general	-	Waubesa	Kaife, bifacial	whole	Woodland	Knife
23DA.383	1-3	Surface - general	-	Unclassified	Knife, bifacial	midection	Unknown	Kaife
23DA.383	1	Surface - general	-	Big Creek?	Biface, stemmed	proximal	Archaic, Late	Unknow:
2304383	1.5	Surface - general	1	Unclassified	Preform	midection	Unknown	Unknown
23DA 384	1.1	Surface - general	-4	Unclassified	Knife, bifacial	midsection	Unknown	Knife
23DA385	1-1	Surface - general	-	Smith	Knife, bifacial	whole	Archaic, Late	Knife
23DA385	1-2	Surface - general	17	Unclassified	Preform	midsection	Unknown	Unknown
23DA385	1-3	Surface - general	4	Unclassified	Knife, bifacial	midsection	(Jaknown	Kaife
23DA385	7	Surface - general	-	Unclassified	Kaife/scraper	tasal	Unknown	Kaife
23DA385	1.5	Surface - general	-	Unchassified	Scraper, bifacial side	midsection	Unknown	Scraper

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Site No.	Cat No.	Provenlence	ರ	Type Name	Artifact Description	Portion	Cultural Affilition	Primary Function
23DA385	1.6	Surface - general	-	Flanna	Dert point	STETTI	Archaig, Late	User point?
23DA385	1.1	Surface - general	_	Steuben variant	Knife, bifacial	whole	Woodland, Middle - Late	Knife
23DA395	1.8	Surface - general	_	Citison	Knife, bifacial	whole	Woodland, Middle	Knife
23DA385	6-1	Surface - general		Big Creek	Knife, bifacial	whole	Archale, Late	Knife
23DA385	1-10	Surface - general	~	Duscan	Dart point	SPETE	Archaic, Late	Dart polns?
23DA385	11-11	Surface - general	-	Flanna?	Somper, bifacial end	whok	Archaic, Late	Scraper
23DA385	1-12	Surface - general	_	Big Creek	Kalfe, bifacial	*hok	Archaic, Late	Knife
23DA385	1-13	Surface - general	-	Gibron	Kaife, bifacial	whole	Woodland, Middle	Knife
23DA385	1-14	Surface - general		Unclassified	Durt point	michection	Archaic, Late or Woodland	Dart point?
23DA385	1-15	Surface - general	_	Unclassified	Knife, bifacial	whok	Unknown	Knife
2304385	91.1	Surface - general	-	Langtry-like	Knife, bifacial	#bcle	Archaig, Late - Woodland	Kaffe
23DA385	1-17	Surface - general	•••	Unchassified	Knife, bifacial	midsection	Unknown	Knife
23DA385	81-1	Surface - general	_	Unclessified	Drill, Mindail	nidection	[Jaknown	Perforator
23DA 385	61-1	Surface - general	_	Uncharatified	Kalfe, bifacial	proximal	Unknown	Knife
23DA386	1-1	Surface - general	-	Calf Creek variant	Knife, bifacial	whole	Archale, Middle	Knife
23DA386	1.2	Surface - general	-	1/pclassified	Kaife, bifacial	whole	Archaic, Middle	Knife
23DA 386	1.3	Surface - general	2 2	Unchessified	Preform	midsection	Unknown	Unknown
23DA 386	7	Surface - general	4	Unchessified	Knife, bifacial	missection	Unknown	Kaile
23DA386	1-5	Surface - general	٥	Unclassified	Knife, bifacial	midsection	Unknown	Kaife
23DA386	1.6	Surface - general	~	Unchessified	Preform	proximal	Unknows	Unknown
23DA 386	1-1	Surface - general		Big Creek	Projectile point/kaife	whole	Archaic, Late	Dart point
23DA386	\$	Surface - general	_	Table Rock variant	Knife, bifacial	whok	Archaic, Late	Kaife
23DA386	1-9	Surface - general	~	flanta	Knife, bifactal	whole	Archaic, Late	Kaffe
23DA386	1-11	Surface - general		· Lanna	Dert point	A.	Archaic, Late	Dart polat
23DA386	1-12	Surface - general	-	Flanna !	Dert point	whole	Archaig, Late	Dart point
23DA386	1-13	Surface - general	_	Hanna?	Dert point	w.hole	Archaic, Late	Dart point?
23DA 386	1-14	Surface - general	_	Table Rock variant	Kalfe, bifacial	provimal	Archaic, Late	Knife
23DA386	1-15	Surface - general	_	Cribson-like	Knife, bifacial	midsection	Woodland, Middle	Knife
23DA386	1-16	Surface - general	~	Fanna?	Dart point	a.poje	Archaic, Late	Dart polat
23DA386	1-17	Surface - general	-	Big Creek	Dert point	stem	Archalc, Late	Dart polat
23DA386	1-18	Surface - general	_	Unclassified	Knife, bifacial	whole	Woodland	Knife
23DA386	1-19	Surface - general		Stone Comer Notched	Knife, bifacul	whole	Archaic, Late	Knife
23DA386	1-20	Surface - general	<u></u>	Stone Comer Notched	Biface, stemmed	proximal	Archaic, Late	Unimown (usually dart pt)
23DA386	1-21	Surface - general		Stone Comer Notched	Projectile point/knife	proximal	Archaic, Late	Dart point?
23DA386	1-22	Surface - general		Kings Corner Notched	Biface, stemmed	proximal	Archivic, Late - Woodland	Unknown

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Stone tools collected by Howard Wimmer

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ST No.	Lovenience	5	lype Mine	Artifact Description	Fortion	Column Attition	TRUTHE LABOR DO
1.3	Surface - general	-	Unclassified	Biface, stemmed	proximal	Unknown	Unknown
7.	Surface - general	-	Big Creek	Knife, bifacial	proximal	Archaic, Late	Knife
1-23	Surface - general		Palmillas-like	Projectile point/knife	whole	Archaic, Late?	Dart point
1-26	Surface - general		1 och zest fied	Projectile point/knife	wbole	Woodland, Late?	Knife
1.27	Surface - general	-	Unclassified	Knife, bifacial	whole	Woodiand, Late	Knife
1.28	Surface - general	1	Smit	Knife, bifacial	proximal	Archaic, Late	Knife
62-1	Surface - general	7	Uncharedfied	Preform	proximal	Unknown	Unknown
06:1	Surface - general	1	Unclassified	Blank	whole	Unknown	Unknown
1.31	Surface - general		Unclassified	Biface, unstemmed	proximal	Unknown	Unknown
1-32	Surface - general	7	Uncharatived	Biface, stemmed	proximal	Unkrown	Unknown
1.33	Surface - general	-	Rice Side Notched	Projectile point/knife	proximal	Woodland, Late	Knife
* 2	Surface - proces		Rice Side Notched	Projectile point/Inife	proximal	Woodland, Late	Knife
1-35	Surface - general		Undarsified	Drill, Mindal	proximal	Unknown	Perforator
2 8-1	Surface - general	-	Unclassified	Drill, bifacial	midsection	Unknown	Perforator
1-37	Surface - general	-	Unclassified	Preform	wbole	Unknown	Unknown
1-1	Surface - general	35	Unclus affed	Preform	midsection	Unknown	Unknown
1.2	Surface - general	-	Rice Lobed variant	Knife, bifacial	wbok	Archaic, Middle	Knife
1.3	Surface - general	4	Unchestified	Knife, bilacial	midsection	Unknown	Knife
7	Surface - general		Big Creek variant	Knife, bifacial	whole	Archaic, Late	Kaife
1.5	Surface - general	7	Big Creek	Knife, bifacial	whole	Archaic, Late	Kaife
1.6	Surface - general	-	Big Creek	Knife, bifacial	whole	Archaic, Late	Kaife
1.7	Surface - general	1	Stone Corner Notched	Knife, bifacial	whole	Archaic, Late	Kaife
8 9	Surface - general		Big Creek	Knife, bifacial	whole	Archaic, Late	Kaife
6:1	Surface - general	4	Unclassified	Biface	midsection	Unknown	Unknown
1.10	Surface - general	-	Stone Corner Notched	Projectile polatitaife	whole	Archaic, Late	Kaife
1-11	Surface - general	_	Unclassified	Knife/sonper	whole	Archaic, Late	Scraper
1.12	Surface - general	-	Unclassified	Scraper, bifacial side	midsection	Unknown	Scraper
1-13	Surface - general	-	Stone Square Stemmed	Knife, bifacial	whole	Archaic, Late	Kaife
1-14	Surface - general	-	Steuben	Knife, bifacial	whole	Woodland, Middle - Late	Knife
1.15	Surface - general	4	Unclassified	Biface, stemmed	proximal	Archaic, Late?	Unknown
91-1	Surface - general	v ı	(Inclassified	Kaife, bifacial	midsection	Unknown	Knife
1-17	Surface - general	-	Table Rock variant	Projectile point/knife	whole	Archaic, Late	Dart point
1-18	Surface - general		Unclassified	Drill, bifacial	proximal	Archaic, Late?	Perforator
61-1	Surface - general	-	Unclass fied	Drill, bifacial	midsection	Unknown	Perforator
			A. D. L.	Valida Milanial	4		3

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Stone tools collected by Howard Wimmer

Site No.	Cet. No.	Provenience	ฮ	Type Name	Artifact Description	romon	ר מנוחות אמוונוסם	
23DA 387	1.21	Surface - general	-	Rice Side Notched	Kaife, bifacial	whole	Woodland, Late	Knife
23DA387	1-22	Surface - general		White River variant?	Biface, stemmed	proximal	Archaic, Middle	Unknown
23DA387	1.23	Surface - general	-	Stone Square Stemmed	Projectile polatikalie	stem	Archaic, Late	Knife
23DA387	1.2	Surface - general	_	Afton?	Kaife, bifacia!	proximal	Archaic, Late	Knife
23DA 387	1-25	Surface - general		Big Creek	Knife, bilacial	whole	Archaic, Late	Kaife
23DA387	1.36	Surface - general	_	Big Creek	Dart point	wboke	Archaic, Late	Dart point
23DA387	17-1	Surface - general	-	Big Creek?	Bilisce, stemmed	midsection	Archaic, Late	Unknown
23DA387	1.28	Surface general	~	Stone Square Stemmed	Knife, bifacial	proximal	Archaic, Late	Knife
23DA387	1.23	Surface - general	_	Siruben	Knife, bifacial	whole	Woodland, Middle - Late	Knife
230 A 387	1-30	Surface - general	-	Stone Corner Notched	Piface, stemmed	proximal	Archaic, Late	Unknown
23DA 387	1-31	Surface - general	-	Stone Corner Notched var.	Biface, stemmed	proximal	Arctalc, Late	Unknown
23DA 387	1.32	Surface - general	-	Stone Corner Natched	Hilace, stemmed	proximal	Archaic, Late	Unknown
23DA387	1-33	Surface - general		Big Creek	Projectile polat/knife	proximaí	Archale, Late	Knife
23DA387	<u>1.</u>	Surface - general	1	Uncaesified	Knifebonper	proximal	Unknown	Kaife
23DA387	1.35	Surface - general		Kings Corner Notched var.	Piface, stemmed	proximal	Archaic, Late - Woodland	Unknown
23D7.387	<u>28-1</u>	Surface - general		Undersified	Kaife, bifacial	whole	Unknown	Knife
23DA387	1.37	Surface - general	-	Unclassified	Knife, flake	V/V	Unknown	Knife
23DA387	1.38	Surface - general		Unclassified	Preform	whole	Unknown	Unknown
23DA387	1.39	Surface - general	-	Understied	Preform	proximal	Unknown	Unknown
23DA387	1.40	Surface - general	-	Undersified	Preform	whole	Unknown	Unknown
23DA387	13:1	Surface - general	-	Undersified	Preform	whole	(Jaknown	Unknown
23DA388	1-1	Surface - general	~	Lagity	Knife, bifacial	whole	Archaic, Late - Woodland	Kaire
23DA388	1.2	Surface - general		Unclassified	Knife, bifacial	midsection	Unknown	Knife
23DA388	1.3	Surface - general	-	Lander Corner Notched	Biface, stemmed	whole	Woodland	Unknown
23DA389	1:1	Surface - general	-	Dickson	Knife, bifacial	whole	Woodland, Middle	Knife
23DA389	1-2	Surface - general		Dickson	Kalfe, bifacial	whole	Woodland, Middle	Naffe
23DA 389	1-3	Surface - general	M	Dalton	Knife, bifacial	whole	Archaic, Early	Knife
33DA389	7	Surface - general	~	Unclassified	Knife, bifacial	midsection	Unknown (Farly Archale?)	Kaife
13DA389	1.5	Surface - general	7	Unclassified	Preform	proximal	Unknown	Unknown
23DA390	1:1	Surface - general	-	Unclassified	Blenk	whole	Unknows	Unknown
23DA390	1.2	Surface - general	-	Unchessified	Knife, bifacial	mideection	Unknown	Knife
23DA 390	1.3	Surface - general	_	Unclassified	Knife, bifacial	midsection	Unknown	Knife
3DA391	1-1	Surface - general	-	Langtry	Biface, stemmed	proximat	Archaic, Late - Woodland	Unknown
23DA391	1-2	Surface - general		(Inclassified	Knife, bifacia?	midsection	Unknown	Knife

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Stone tools collected by Howard Wimmer

Site N	N.	Dennisaisen	2	Town March	A selfore (Newscale)		A STATE OF THE STA	1
200.		2000	; ·	anger alle	Porting Comment	Louno	Cultural Adilition	rumary runction
7664067	7-1	Surface - general		Undassited	Scraper, bitacial side	midsection	(Jaknowa	Scriper
23DA392	1:3	Surface - general	-	Unclassified	Knife/scraper	distal	Unknown	Scraner
23DA 392	7	Surface - general	**	Unclassified	Preform	proximal	Unknown	Unknown
23DA393	1-1	Surface - general	19	Unclassified	Preform	midsection	Unknown	Unknown
23DA393	1-2	Surface - general	20	Unclassified	Kaife, bifacial	midsection	Unknown	Knife
23DA393	1-3	Surface - general	•	Undestitied	Preform	lemproad	Unknown	Cathosa
230,1393	7	Surface - general	-	Unclassified	Chopper	whole	Unknown	Chopper
23DA:993	1-6	Surface - general	m	Unclassified	Knife, bifacial	midsection	Unknown	Knife
23DA393	1-7	Surface - general	-	Undersified	Blank	whole	Unknown	Unitrown
23DA393	1 \$	Surface - general	-	Unclassified	Blank	wbok	Unknown	(Jaknown
23DA 393	6-1	Surface - general	-	Unchassified	Blank	w.bole	Unknown	Unknown
23DA 393	01-1	Surface - general	-	Unchassified	Blank	whole	Unknown	Unknown
23DA393	11-1	Surface - general	-	Unclassified	Blank	whole	Unknown	Unknown
23DA 393	1-12	Surface - general	~	Unclassified	Black	whole	Unknown	Unknown
23DA393	1.13	Surface - general	-	Unchassified	Preform	whole	Unknown	Unitrown
23DA393	1-14	Surface - general	-	Unclassified	Preform	whole	Unknown	Unknown
23DA393	1-15	Surface - general	-	Unclassified	Preform	whole	Unknown	Unknown
23DA393	1-16	Surface - general	-	Unclessified	Preform	whole	Unknown	Unknown
23DA393	1-17	Surface - general	-	Unchassified	Preform	proximal	Unknown	Unknown
23DA393	1-19	Surface - general	-	Unclassified	Knife, bifacial	whole	Archaic, Early	Kaife
23DA393	1.20	Surface - general	7	Unclassified	Biface, stemmed	proximal	Archaic, Early	Unknown
23DA393	17-1	Surface - general		Jakie-like	Biface, stemmed	proximal	Archaic, Middle	Unknown
23DA393	1-22	Surface - general	_	Jakie-like	Kaife, bifacial	Whok	Archaic, Middle	Knife
23DA393	1.23	Surface - general	,=	Stone Square Stemmed	Kalfe, bifacial	whole	Archaic, Late	Kaife
23DA 393	1-24	Surface - general	_	Stone Square Stemmed	Kaife, bifacial	proximal	Archaic, Late	Kaife
23DA393	27-1	Surface - general		Stone Square Stemmed	Knife/scraper	proximal	Archale, Late	Kalfe?
23DA393	1.26	Surface - general	-	Stone Square Stemmed	Kaife, bifactal	proximal	Archaic, Late	Krife
23DA393	1-27	Surface - general	-	Smith variant	Biface, stemmed	proximal	Archaic, Late	Unknown
23DA393	1-28	Surface - general	-	Kings Corner Notched	Knife/scraper	whole	Archaic, Late - Woodland	Knife
23DA393	1.29	Surface - general	-	Kings Corner Notched var.	Knife, bifacial	whole	Archaic, Late - Woodland	Kalfe
23DA393	1.30	Surface - general	-	White River variant	Kulfe, bifacial	whok	Archaic, Middle	Knife
23DA393	1.31	Surface - general	-	Big Creek	Kaife/scraper	whole	Archaic, Late	Knife
23DA393	1-32	Surface - general	~	Big Creek	Dark point	whole	Archaic, Late	Dart point
23DA393	1-33	Surface - general	_	Big Greek	Knife, bifacial	whole	Archaic, Late	Knife
23DA393	1.34	Surface - general	_	Rice St. 5: 14 otched	Knife, bifacial	whole	Woodland, Late	Knife

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Stone tools collected by Howard Wimmer

Sile No.	L. P.C. ING.	Provenience	ול	1 ype ivanie	Arminet Description	romon	Cultural Amilianon	rumary runchom
23DA393	1-35	Surface - general	-	Stone Corner Notched	Knife, bifaclai	Whole	Archaic, Late	Knife
23DA 393	1 .36	Surface - general	7	Stone Corner Notched	Kalfe, bifacial	whole	Archalc, Late	Knife
23DA 393	1·38	Surface - general		Stone Corner Notched	Biface, etemmed	proximal	Archaic, Late	Unknown
23DA393	1-39	Surface - general	-	Stone Corner Notched	Kalfe, bifacial	proxinal	Archaic, Late	K ife
23DA 393	Q -1	Surface - general		Steuben variant	Kalfe/somper	proximal	Woodland, Middle - Late	Somper
23DA 393	1-41	Surface - general	-	Sleuben	Knife, bifacial	arbole	Woodland, Middle - Late	Kaife
23DA393	1.42	Surface - general	-	Big Creek	Projectile polut/knife	whole	Archale, Lue	Keife
23DA393	1.43	Surface - general	-	Stone Corner Notched	Biface, stemmed	proximal	Archaic, Late	Unknown
23DA393	2.	Surface - general	-	Stone Corner Notched?	Biface, stemmed	proximal	Archaic, Late	Unknown
23DA393	1.45	Surface - general	~	Stone Corner Notched?	Kalfe, bifacial	proximal	Archaic, Late	Kaffe
23DA393	1.4	Surface - general	-	Smith preform	Preform, aborted	proximal	Archalc, Late	Unknown
23DA 393	1-47	Surface - general	-	Henn	Knife, bifacial	whole	Archaic, Late	Kaife
23DA 393	1.48	Surface - general		Hanna	Knife, bifacial	proximal	Archaic, Late	Kaife
23DA393	67-1	Surface - general	-	Hanna	Dart point	whole	Archaic, Late	Dart point
23DA393	05:1	Surface - general	-	Hanne	Dert point	whole	Archaic, Late	Dard point
23DA393	15-1	Surface - general	1	Hanna	Knife, bifacial	whole	Archaic, Late	Kaife
23DA393	1.52	Surface - general	_	Hanne	Dert point	whole	Archaic, Late	Dart point
23DA393	1-53	Surface - general	_	Ffanns	Knife, bifacial	proximal	Archalo, Late	Kaife
23DA393	1-54	Surface - general	-	Undarkified	Projectile point/knife	whole	Woodland, Mickie?	Dart point
23DA393	1.55	Surface - general	_	Smith	Knife, bifacial	proximal	Archaic, Late	Knife
23DA393	%	Surface - general	-	Updassified	Knife, bifacial	proximal	Unknown	Knife?
13DA393	1.57	Surface - general	10	Unchassified	Biface, stemmed	stem	Uaknown	Unknown
23DA393	85-1	Surface - general	~	Kings Corner Notched	Knife, bifacial	whole	Archaic, Late - Woodland	Kalfe
23DA393	1-59	Surface - general	-	Kings Corner Notched	Knife, bifacial	whole	Archaic, Late - Woodland	Knife
23DA293	99-1	Surface - general	-	Table Rock Stemmed	Projectile point/knife	stem	Archaic, Late	Dark point
23DA393	1-61	Surface - general	-	Undersified	Knife, bifacial	whole	Woodland?	Knife?
23DA393	1-62	Surface - general	-	Unchassified	Kalfe, bifacial	whole	Woodland	Knife
23DA 393	1-63	Surface - general	-	Unchassified	Kaife, bifacial	whole	Woodland?	Knife
23DA393	79:1	Surface - general		Unclassified	Projective point/knife	whole	Woodland?	Arrow point
23DA393	1.65	Surface - general	_	Kings Corner Nowhed	Knife/scraper	Whole	Archaic, Late - Woodland	Kaffe
23DA393	99-1	Surface - general	_	Unclassified	Biface, stemmed	whole	Unknown	Unknown
23DA393	89:1	Surface - general	_	Unclassified	Drill, Macial	proximal	Unknown	Perforator
23DA 393	1-69	Surface - general		Unclassified	Delli, Madal	proximal	Unknown	Perforator
23DA 393	1-70	Surface - general	-	Unclassified	Drill, Madal	midsection	Unknown	Perforator
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Stone tools collected by Howard Wimmer

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		- Constant	Ċ	Tors Name	Artifact Description	Portion	Cultural Affilition	Primary Function
Sife No.	Cet No.	Proventence	. ا	anext adds	President Company	304	Ambaic Late	Dart point
23DA393	1-12	Surface - general	-	Stone Corner Notched var.	בייר דיייי	Marian		M. Diffe
23DA393	1.73	Surface - general		Stone Corner Notched	Kaife, bifacial	proximal	Archard, Late	אפווע
23DA 393	1-74	Surface - general	-1	Steuben	Knife, bifacial	wbok	Woodland, Middle - Late	Knife
72D 4 101	1.75	Surface - peneral		Unclassified	Spokeshave, bifacial	proximal	(Inknowa	Scraping wood
23.DA 2015	37.1	Surface - personal		Gibson varient	Knife, Miscial	s hoke	Woodland, Middle	Knife
23DA 301	E	Surface . general	_	pojjase poj)	Preform	proximal	Unknown	Unknown
230,4362	<u> </u>	Surface general	- ٠	fakie variani	Knife, bifacial	whole	Archaic, Middle	Knife
500 Y GEC	0/-1	Surface mental		1 [ned pessified	Biface, stemmed	proximal	Unknown	Unknown
230,4393	67-1	Cuffe on making	-	Stone Corner Notcher	Dart coint	Stem	Archaic, Late	Derr polat
230.4.30	3 •	Surface - general		Technolists	Knife, flake	××	Unknown	Knife
230.4393	16-1	Surface - general			Preform	proximal	Unknown	Unknown
23DA393	79-1	Suitan Bearing		Parl Indiana	Knife bifacial	•	Unknown	Krife
23DA393	1-63	Surface - general			Dart point	E	Unknown	Dart point
230.4393	<u> </u>	Surface - general		Bir Creft	Kalfe/scraper	Whole	Archaic, Late	Knife
230,4393	3 3	Surface Section	• •		Piface, stemmed	SE SE	Archaic, Late	Unknown
230,4393	8 :	Surface - process		\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	Siface, stemmed	proximal	Unknown	Unknown
2304393	(8.1	Surface - general			Knife Mincial	whok	Woodland, Middle - Late	Kaife
230.4.393	× .	Surface - Section 2			Piface stemmed	proximal	Unknowe	Unknown
2304393	1-69	Surface - Reneral		Circumstation of the Control of the	A carse Polis	, Sichola	Late Prehistoric?	Arrow polat
23DA 394	1-1	Surface - Benefit	-	Licano			S. Mary and J.	E-gondal I
23DA394	1-2	Surface - general	7	Unclassified	retorn	proximal		
23DA395	1-1	Surface - general		Rice Side Notched	Biface, stemmed	proximal	Woodized, Late	CHEROWE
23DA395	1-2	Surface - general	_	Rice Side Notched	Projectile point/knife	whole	Woodland, Late	Kailer
23DA395	1.3	Surface - general	7	Unclassified	Preform	proximal	Unknown	Calmona
23DA 395	7	Surface - peneral	_	Rice Side Notched preform	Preform	Desa!	Woodland, Late	Unknown
23DA 395	. \$-1 \$-1	Surface - general	-	Rice Side Notched	Enife, bilacial	whole	Woodland, Late	Kaife
23DA 195	9	Surface - general		Unclassified	Preform	basal	Unknown	Unknown
24DA 195	1.7	Surface - septeral	,	Stone Corner Notched	Biface, stemmed	proximal	Archaic, Late	Uninowa
23DA 196	: Ξ	Surface - general	_	Unclassified	Knife, bifacial	whole	Unknown	Knife
23DA 196	7.7	Surface - seneral	4	Unclassified	Preform	proximal	Unknown	Unknown
301.401.	به ۱ ا، ا	Surface - seneral	-	Stone Square Stemmed	Kalle, bifacial	whole	Archaic, Late	Xuffe
23DA 296	7	Surface - general	-	Unclassified	Scraper, bifacial side	whole	Woodland?	Scraper
2304396	<u> </u>	Surface - series		Unclassified	Kaife, bifacial	midsection	Unknown	Knife
730 4 396	<u> </u>	Surface - peneral	. 73	Upclassified	Preform	bacat	Unknown	Unknown
200.4000	? -	Independent of the State of the	-	Flanca?	Biface, stemmed	stem	Archaic, Late	Unknown
23DA396	1-1	Surface - Reported	•		1-1-1-1	ocioca de la	emonal of [Knife
23DA396	\$	Surface - general	н	Onclassified	Anife, Oliscai	non yearing	1	

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Stone rools collected by Howard Wimmer

					4 10 10 10 10 10 10 10 10 10 10 10 10 10	Doction	Cultural Affilition	Primary Function
S. S.	Cat No.	Provenience	ť	Type Name	Artitlact Description	Torito I	[] I be the state of	Unknown
737.4.207	-	Surface - general	21	Unclassified	Preform	midsection		I To brockets
SCAUCE.	1-1	1000	-	1 Inclassified	Blank	proxinal	(Inknown	
23DA397	1-2	Surface - general			Knife hiladal	midsection	Unknown	Knile
23DA.397	1-3	Surface - general	→ '	DATE STORY	Maife Mindal	midsection	Unknown!	Kade
23DA397	7	Surface - Beneral	∽	Unclassified	Comment March and	ž	Unknown	Scraper
2304.397	1.5	Surface - general	_	Understed	Scraper, Ottacial cos	1141	(latrowa	Perforator
23DA397	9.	Surface - general	-	Unclassified	Drill, bitacial	BOUT TOTAL	introduction (Unknown
23DA 307	1.1	Surface - general	-	Unchessified	Preform	MOD.	Acted Middle	Dart polat
1304307	<u> </u>	Surface - general		Jakle variant	Projective point/knife	₩.Dok	Arthur, monto	in the Control of the
100000		Curface . general	-	Big Creek variant	Dart polat	whole	Archaic, Late	12 Cod 11 To 12 Co
230.4397	÷ ;	The same		Ble Cret	Knife, bifacial	w.hole	Archalc, Late	
230.4.397	1-10	Surace - peneral		Big Creek	Knife, bifacial	proximal	Archaic, Late	Valle
23DA397	1-11	Surface - general			Biface stemmed	proximal	Archaic, Late	Unknown
23DA357	1-12	Surface - general		TOUR BIG	Kalfe Missis	wboke	Archaic, Late?	Kalfe
23DA397	1-13	Surface - peneral	-		Internal Prints	a Proje	Archale, Term Woodland	Kalfe
23DA397	1-14	Surface - general	_	Standiee	in the state of th	ŧ	Archale, Late	Der point
23DA397	1-15	Surface - general		Hanna	ביים ביים ביים ביים ביים ביים ביים ביים		Archaic Late	Dart point
211) A 197	1.16	Surface - general	-	Hanna variant	Dark point	in .		Kaife
72DA 307	1.17	Surface - peneral	_	Table Rock variant	Knife, bifacial	proximal		I Introduction
1000000		Surface - owners		Unchassified	Bilisce, stemmed	E E	Corrown	11-11-11-11-11-11-11-11-11-11-11-11-11-
185AC62	81-1	Sulface Tables		[Jackssifted	Preform	proximal	Unknown	
23DA 398		Surface - general	٠.	T for description	Preform	midsection	Unknown	California
23DA358	1-7	Surface - general		2000000	Parform	midection	Unknown	Unknown
23DA398	1-3	Surface - general	7	(Jackssilled	inicial I	feminos	(Jakacaea	Unknown
23DA398	7	Surface - Repend		Unclassified	Diffice, stempled	404/2	Woodland Late	Keife
23DA398	1.5	Surface - general		Rice Side Notched	Knife, busciat	winds.	March Middle - Jair	Keife
13D 4 30R	9	Surface - general		Steuben variant?	Knife, bifactal	Wiloic .		Flathers and
2000 A CITE		Surface - general		Unclassified	Biface	midsection	Unknown	,
655,455			,	Unclassified	Knife, bifacial	midsection	Calinown	Niid.
2504399		The second of th	۰ -	Palton	Knife/sonper	whole	Archaic, Early	Paire
23DA400		Surface - Reneral	- 0	Lincheseiferd	Preform	mideectlon	Unknown	Unknown
23DA400		Surface - Percent		4:-0	Knife Minch	proximal	Archaic, Late	Knife
23DA400	1-3	Surface - general		514C	Defectibe point/knife	* bole	Archaic, Late	Kaife
23DA400	7.	Surface - general		Brec	rojectir. Potavara	4	(Johnson)	Unknown
23DA400	1-5	Surface - general	_	Understhed	No. 815	A IION		Scraper
3304400		Surface - general		Unclassified	Scraper, flake	۷/۷		tacHall
2017/101		C. Lafe on manage	•	Sp. (a)	Biface, stemmed	strm	Archaic, Laic	
23DA400		Surface - general		Vince Corner Notched	Projectile point/knife	whole	Archaic, Late - Woodland	Natio
23DA400	1-8	Surface - general	-	Salar	Knife bifacial	whole	Archaic, Late	Knife
23DA400	6-1 (Surface - general	-	Stone Comer Notchen				

APPENDIX B
Stone tools collected by Howard Wimmer

Site No.	Cat No.	Provealence	ಠ	Type Name	Artifact Description	Portion	Cultural Affilition	Primary Function
23DA400	01-1	Surface - general	-	Table Rock variant	Piface, stemmed	proximal	Archaic, Eate	Unknown
23DA400	11.1	Surface - general		Langtry	Knife, bifactet	#:bole	Archaig Late - Wu Stand	Krife
23DA 400	1-13	Surface - general		Unclassified	Arrow point	n vok	Unknown	Acrow polnt?
23DA400	1-14	Surface - general	-	Unchassified	Knife, bifacial	mickection	Unknown	Knife
23DA400	1-15	Surface - general	-	Unclassified	Biface	midection	Unknown	Unknown
23DA401	1-1	Surface - general	-	Rice Side Notched	Knife, bifacial	whole	Woodland, Late	Knife
23DA401	1-2	Surface - general	24	Uncharedfied	Preform	Peccal peccal	Unknown	Unknown
23DA 401	1.3	Surface - general	_	Stone Corner Notched	Biface, stemmed	proximal	Archaic, Late	Unknown
23DA401	7	Surface - general	-	Stone Corner Notched	Knife, bifactal	h. xorq	Archaic, Late	Xnife
23DA 401	5-1	Surface - general	-	Stone Corner Notched	Knife, bifacts!	whok	Archaic, Late	Knife
23DA 401	9-1	Surface - general		Stone Corner Notched	Projectile polatikalie	whole	Archalo, Late	Knife
23DA401	1-7	Surface - general	_	Stone Corner Notched	Knife, bifacial	proximal	Archair Late	Knife
23DA401	\$ 1	Surface - general	_	Stone Corner Notched	Kaife, bifacial	, ximal	Archaic, Late	Kalfe?
23DA401	6:1	Surface - general	_	Stone Corner Notched	Knife, bifacial	proximal	Archaic, Late	Knife
23DA401	1-10	Surface - general	_	Big Creek	Knife, bifactal	proximal	Archaic, Late	Knife
23DA401	11-1	Surface - general	-	Grand	Biface, stemmed	proximal	Woodland, Middle	Unknown
23DA401	1-12	Surface - general	4	Unclassified	Knife, bifactal	midsection	Unknown	Knife
23DA401	1-13	Surface - general	٣	Unclassified	Biface	midsection	Unknown	Unknown
23DA401	1-14	Surface - general	4	Unclassified	Piface	midsection	Unknown	Unknown
23DA401	1-15	Surface - general	₩	Stone Corner Notched	Dart point	whole	Archaic, Late	Dart point
23DA401	91-1	Surface - general		Stone Square Stemmed	Projectile point/taile	whole	Archaic, Late	Dart point
23DA401	1-17	Surface - general	_	Big Creek?	Dart point	proximal	Archaic, Late	Dart point
23DA401	1-18	Surface - general		Unchassified	Knife, bifacial	proxima:	Archale, Late?	Knife
23DA401	61-1	Surface - general		Unclassified	Knife, bifacial	whole	Archaile, Late?	Knife
23DA401	Q7-1	Surface - general		Unchassified	Kaife, bifacial	w bole	Archaic, Late?	Knife
23DA401	1-21	Surface - general	-	Unchassified	Biface, stemmed	whole	Unknown	Unknown
23DA401	1-22	Surface - oeneral	-	Unchassified	Blank	whole	Unknown	Unknown
23DA401	1-23	Surface - general	_	Unclassified	Kaife, bifacial	whole	Unknown	Knife
23DA401	1-24	Surface - general		Unclassified	Preform	a.hoke	Unknown	Unknown
23DA401	1.25	Surface - general		Unchessified	Preform	jeseq	Unknown	Unknown
23DA401	1-36	Surface - general	_	Unclassified	Blank	whole	Unknown	Unknown
23DA401	1.27	Surface - general	_	Unclassified	Blank	whole	Unknown	Unknown
23DA402	1.1	Surface - general		White River	Knife, bifacial	whole	Archaic, Middle	Knife
23DA 402	1-2	Surface - general	٣	Unclassified	Preform	midsection	Unknown	Unknown
23DA402	1-3	Surface - general	_	Stone Corner Notched?	Knife, bifacial	proximal	Archaig, Late	Knife

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Site Zo.	Cat No.	Provenience	ני	Type Name	Artifa:t Description	Portion	Cultural Additions	CHIEFETY I WILLIAM
23DA 402	7	Surface general	2	Unclassified	Biface, unstenumed	proximal	Unknown	Unknown
2307.403	1-1	Surface - general	-	Notan	Projectile point/knife	whole	Archaic, Middle	Knife
23DA403	1.2	Surface - general	-	Unchassified	Biface	midsection	Unknown	Unknown
23DA 403	1.3	Surface - general	ائم	Unchessified	Biface	Cagnest	(Jaknowa	Unknown
23DA 403	<u> </u>	Surface - general	۳,	Unchaestfied	Knife, bifacial	midsection	Unknown	Naic
23DA403	1.5	Surface - general	-	Stone Comer Notched	Knife, bilacial	₩.bole	Archalc, Late	Kaife
23DA403	9-1	Surface - general	-	Unchessified	Knife, bifacial	whole	Archalc, Middle	Kale
23DA405	Ξ	Surface - general		Kings Corper Notched	Knife, bifacial	whole	Archaic, Late - Woodland	Kale
23DA405	1.2	Surface - general		Stone Comer Notched	Dart polat	whole	Archalc, Late	Dart point
23DA405	<u>:</u> :	Surface - general	-	Scallone	Arrow polat	whole	Woodland, Late-Mississipp	Arrow point
23DA405	7	Surface - general	1	Unclassified	Scraper, core	whole	Woodland	Samper
23DA405	1.5	Surface - general	-	Unclassified	Biface	enidecction	Unknown	Catrown
23DA405	1.6	Surface - general	~	Unchassified	Preform	midsection	Unknown	Unknown
23DA406	1-1	Surface - general	+-1	Unclassified	Kalfe, bifacial	proximal	Unknown	Kaffe
23DA407	7.1	Surface - general	-	Unclassified	Knife, fiske	N/A	Vakanwa	Kulfe
23DA407	7	Surface - general	-	Unclassified	Kalfe, bifacial	proximal	Unknown	Kaife
23DA408	1.1	Surface - general		Stone Square Stemmed	Knife, bifacial	a hole	Archalc, Late	Naile
23DA408	1.2	Surface - general	-	Lander Corner Notched	Knife, bifacial	# bok	Woodland	Knife
23DA 408	1.3	Surface - general		Unclassified	Scraper, flake	Y X	Unknown	Scraper
23DA 408	7	Surface - general	-	Unclassified	Preform	midkection	Unknown	Unknown
23DA408	1.5	Surface - genera:	-	Unchassified	Knife, flake	K/X	Unknown	Kaife
23CA410	1.1	Surface - general	-	Sequoyah	Arrow point	#:bok	Mississippi	Acrow point
23DA412	1:1	Surface - general	-	Scallorn	Arrow polat	whok	Woodland, Late-Mississipp	Arrow point
23DA412	1.2	Surface - general	1	Keets	Arrow point	a:boke	Mississippi	Arrow polat
23DA412	1.3	Surface - general	_	Haskeli	Arrow point	whole	Mississippl	Arrow point
23DA412	7.	Surface - general		Steuben-like	Biface, stemmed	proximal	Woodland, Middle - Late	Unknown
23DA413	1:	Surface - general	-	Big Creck	Biliace, stemmed	proximal	Archaic, Late	Unknown
23PO230	¥.	Surface - Area 21	_	White River	Dert polat	whok	Archalc, Middle	Dark point
23PO230	1.2	Surface - Area !	•••	Kings Corner Noiched	Kalfe, bifactal	proximal	Archaic, Late - Woodland	Knife
23PO230	1:3	Surface - Area I	w	Dickson	Projectile point/knife	proximal	Woodland, Middle	Kaife
2370230	<u>.</u>	Surface - Area I	-	Scattore	Arrow point	tten:	Woodland, Late-Mississipp	Arrow point
13PO304	Ξ	Surface - general	-4	White River	Knife, bifacial	r.hole	Archaic, Middle	Kaife
23PO304	1.2	Surface - general	يعن	Big Creek	Biface, stemmed	proximal	Archaic, Late	Unknown
23PO304	<u></u>	Surface - general		Unchassified	Knife, bifacial	whole	{Inknown	Knife

APPENDIX B
Stone tools collected by Howard Wimmer

Unclassified Unclassified Unclassified Unclassified Roe variant Firsor Grand Unclassified		Surface - general Surface - general Surface - Area C
Unclassified Unclassified Roe variant Ersor Grand Unclassified Unclassified Unclassified Unclassified Southorn Table Rock variant Unclassified		
Unclassified Rice variant Ersor Crand Unclassified Unclassified Unclassified Big Creek Big Creek Big Creek Stone Square Stemmed Unclassified Southorn Table Rock variant Unclassified		
Rice variant Error Grand Unclassified Unclassified Unclassified Big Creek Big Creek Big Creek Stone Square Stemmed Unclassified Scallora Table Rock variant Unclassified		
Ensor Grand Unclassified Unclassified Unclassified Some Square Stemmed Unclassified Soaltom Table Rock variant Unclassified		
Crand Unclassified Unclassified Big Creek Big Creek Big Creek Stone Square Stemmed Unclassified Scallom Table Rock variant Unclassified		_ , , , , , , , , , , , , , , , , , , ,
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Big Creek Big Creek Stone Square Stemmod Undassified Scallorn Table Rock variant Unclassified		
Big Creek Stone Square Stemmed Understied Scattom Table Rock variant Understied		
Stone Square Stemmod Unclassified Scallora Table Rock variant Unclassified		
Unclassified Scattorn Table Rock variant Unclassified		
Scallom Table Rock variant Unclassified		
Table Rock variant Unclassified		
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		_
Stone Comer Notched	•	-
Big Creek		_
Stone Corner Notched		· -
Big Creek		
Unclassified		

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Stone tools collected by Howard Wimmer

					1000		
1	rawence.	ارً	11000000	Dell Madai	midection	[Inknown	Perforator
	Surface - Area D		Opening	100000000000000000000000000000000000000	41-41-	Woodland Middle . I ste	Kaife
	Surface - Area A	-	Steuben variant	Knife, bitacial	Whole	WOODLAND, PRIMES - LAND	K.
	Surface - Area A	-	Hans varied	Knife, bifacial	proximal	Archaio, Late	Name of
	Surface - Area A	_	Flanna	Biface, stemmed	proximal	Archaic, Late	Ueknown
	Surface . A rea A	_	Unclassified	Projective point/truife	proximal	Archaic, Middle	Kaife
	Surface - Amer A	-	Ble Creek	Biface, stemmed	proximal	Archaic, Late	Unknown
	Curting Ames A		Undessified	Biface	midsection	Unknown	Unknown
	Surface - Area A	. •	Unclassified	Biface	midsection	Unknown	Unknown
	Surface Ame A	, •	Unclessified	Knife, bifacial	midsection	Unknown	Kaife
	Surface - Area A	٠ -	Linchamiliad	Dart point	15	Mississippi?	Unknown
	Surface Amen		Indestited	Knife, bifacial	whole	Unknown	Knife
	Suffee And A		[Inchessed Fact	Preform	proximal	Unknown	Unknown
	Surface - Area of		Children	Kulfe, bifacial	whole	Archaic, Early	Kaife
	Surface - Area B		Table Rock Stemmed	Knife, bifacial	whole	Archaic, Late	Knife
	Surface: Area B		Undestiled	Projectile point/knife	midection	Unknown	Knife
	Surface - Arra B		Table Rock Stemmed	Bilace, stemmed	proximal	Archaic, Late	Unknown
	Surface - Area B	-	Unchestified	Dert point	SFE	Unknown	Unknown
	Surface - Area B	-	Unclassified	Kaife, bifacial	proximal	Unknows	Kaife
	Surface - Area B	1	Undersified	Preform	proximal	Unknown	Unknown
	Surface - Area B	vo	Undersified	Biface, unsternmed	proximal	Unknown	Unimown
	Surface - Area B	7	Unchessified	Kaife, bifacial	proximal	Unknown	Knife
	Surface - Arra B	-	Undersified	Preform	proximal	Unknown	Unknown
	Suite of the suite		ALC: VILLE	Dart point	whole	Archoic, Late	Dert point
	Surface - general		[hedresified	Biface, stemmed	whole	Archale?	Uchaowa
	Surface . general	-	Soullon	Arrow point	activa	Woodland, Late-Mississipp	Arrow point
	Surface - seneral	-	Elev	Kaife, bifacial	whole	Archaic, Late	Knife
	Surface - series	. •	Undersified	Preform	midsection	Unknown	Unknown
	Surface agent		Undersified	Biface	midsection	Usknown	Unknown
	Surface manual	-	Updassified	Kni c, bifacial	midsection	Archaic, Late?	Kaife
	Surface - general		[Inclusion Feed	Knife, bifacial	whole	Unknown	Knife
	Surface personal		Unclassified	Knife, bifacial	proximat	Archaic, Middle	Knife
	Surface - Section 2		Llanna	Knife, bifacial	whole	Archaic, Late	Knife
	Surface - general		[Inclassified	Knife, bifacial	proximal	Unknown	Kaife
	Surface - Reported			Armay Point	whole	Woodland, Late-Mississipp	Arrow point
	Surface - Area A		Scallotti-like	Arrow point	11011		
	Curting Ame A	-	Unclassified	Knife, bifacial	proximal	CONCEDENCE	

APPENDIX B

	1	- Constanting	٥	Tere Neme	Amifact Description	Portion	Cultura! Affilition	Primary Function
Sile No.	2	A see A see S	٠	Blacket	Knife Nifacial	s, bole	Archaic, Late	Knife
7550357	<u>.</u>	Surface - Area A			Keife bifaciet	4	Archaic Late	Knife
23PO357	₹	Surface - Area A	-					
23PO357	1-5	Surface - Area A		Unclassified	things, stemmed	proxima:		
23PO357	91	Surface - Area A	-	Unclassified	Biface, stemmed	proximal	Unknown	Unknown
23PO357	1.7	Surface - Area A	-	Unclassified	reform	whole	Unknown	Unknown
2380357	8 5	Surface - Area A	•	Undersified	Preform	Lidection	Unknown	Unknown
23PO357	2-1	Surface - Area B	14	Unclassified	Preform	midsection	Unknown	(Jaknowa
23PO357	7:7	Surface - Area B		Smith	Knife, bifacial	whole	Archaic, Late	Knife
2380357	2-3	Surface - Area B	_	Big Creek	Biface, stemmed	proximal	Archaic, Late	Unknown
2350357	47	Surface - Area B		Firsor	Kaife, bifacial	wbole	Archaic, Late	Knife
23PO357	2.5	Surface - Area B		Table Rock Stemmed	Dart point	Sterio	Archaic, Late	Dart point?
2380357	3-6	Surface - Area B		Unchessified	Kaife, bifacial	midsection	Unknown	Knife
2350359	: =	Surface - general	31	Unchessified	Preform	midsection	Unknown	Unknown
2350359	1.7	Surface - properal	11	Unclassified	Biface	midsection	Unknown	Unknown
2380359	<u> </u>	Surface - seperal	•	Undersified	Biface	midsection	Unknown	Unknown
2100159	<u> </u>	Surface - reperal	0	(Jackessified	Biface, unstemmed	besel	(Jaknowa	Unknown
2350359	. <u>-</u> . Ai	Surface - seperal	•	Delton	Kaife, bifacial	proximal	Archaic, Early	Knife
23PC359	9	Surface - general	- -	Steuben	Kaife, bifactai	whole	Woodland, Middle - Late	Knife
23PO359	1-1	Surface - general		Unclassified	Dart polat	whole	Archaic, Late?	Dart point
23PO359	•	Surface - general	-	Big Creek	Kaife, bifacial	whole	Archaic, Late	Knife
2350359	6-1	Surface - reperal	-	Big Creek variant	Knife, bifacial	whole	Archaic, Late	Knife
23PO359	1-10	Surface - general	_	Big Creek	Dart point	whole	Archaic, Late	Dark point
7350359	3 - 1	Surface - reperal	_	Undersified	Biface, stemmed	stem	Unknown	Unknown
2310359	1-12	Surface - report	-	Unclassified	Drill, bifacia!	whole	Woodland?	Perforator
23PO359	1.13	Surface - reportal	_	Big Creek	Projectile point/knife	fembroad	Archaic, Late	Kaife
2350359	1-14	Surface - reperal	_	Table Rock variant	Dart point	stem	Archaic, Late	Dart point
23PO359	1.15	Surface - general	_	Unclassified	Preform	whole	Woodland?	Unknown
23PO359	1-16	Surface - general		Crisp Ovate	Arrow point	whole	Mississippi	Arrow point
218015	1.17	Surface - eeneral	_	White River	Dart point	whole	Archaic, Middle	Dart point
23PO359	-13	Surface - reperal		White River	Dart point	whole	Archaic, Middle	Dart point
2350359	1-19	Surface - general	-	White River	Dart point	whole	Archaic, Middle	Dart point
2380359	1.20	Surface - peneral	•	Big Creek	Scraper, bifacial end	whole	Archaic, Late	Scraper
2310359	1-21	Surface - general		Stone Corner Notched	Biface, stemmed	proximal	Archaic, Late	Unknown
2380350	1.22	Surface - peneral		Big Creek	Knife, bifacial	proximal	Archaic, Late	Knife
2200359	7	Surface - general	-	Front.	Knife, bifacial	proximal	Archaic, Late	Knife
ACECYS7	<u>;</u>	onthe charter	•	1	!	•		

APPENDIX B
Stone tools collected by Howard Wimmer

				Tere Name	Anitact Description	rotage		
Site No.	Cat. No.	Proventence	اد	Type Internal	Difere etempted	ate	Archaic, Late - Woodland	Unknown
2300359	1.24	Surface - general	_	Kings Corner Notched	CALLES, SECTION		Woodland	Arrow point
030000	, .	Surface - seneral	_	Undersified	Arrow point	micket 101		Knife
4560A67	3		-	His Creek	Knife, bifacial	proximal	Aranic, Lac	
23PO359	1-26	Surface - general	-		Jeforn History	midsection	Woodland?	renomior
23FO359	1-27	Surface - Beneral	-	Operation		- continual	Archaic, Late	Unknown
2100159	1.28	Surface - general	_	Duncan	Histor, stemmon	- Andrews	Archaic, Late	Unknown
1100160	2	Surface - general	-	Hanna	Biface, steamed		400 L Clade 4	Unknown
6550353		Curdent amount	-	Hanca	Biliace, stemmed	proximal		Kuite
23PO359	₹.			والمساوات	Kaife, bifacial	nidection	Archaic, Middle	<u> </u>
23PO359	1-31	Surface - Bracial			Knife Mincial	whole	Archaic, Late - Woodland	Kale
2370360	1.3	Surface - Area B	,	Kings Corner Notched		al call	Archale, Late	Dart point
23PO360	1	Surface - Area B	-	Table Rock Stemmed	and had	michention	Unknown	[Inknown
2350360	1.5	Surface - Area B	61	Unclassified	נאבוסנותו	A / A	Woodland	Scraper
ONCORE	9	Surface - Area B	_	Unclassified	Scraper, liste		Ambeio I ate - Woodland	Knife
0300000		Surface - Area B	-	Kings Corner Notched	Kaife, bilacial	WEOR.	[intractors]	Kulfe
0370021	• •	Surface - Area B	_	Unchessified	Kaife, bilacial	incio	30 ejetha 4	Knife
0360000	0.1.	Surface - Area B	_	Big Creek	Kaife, bifacia?	Wildle .	470 1 10000	Krife
310016		Surface - Area B	_	Stone Corner Notched	Kaife, bifacial	proximal	Charles III	Knife
DECORES.		Surface - Area B	_	Unchessified	Kaife, bifacial	midsection	W COCIADA	Knife
23703900	11-7		-	Wauhesa	Knife, bifacial	* bok	W ooduland	2
2370360	1-12	Surface - Area to			Projective point/knife	whole	Woodland, Middle	
23PO360	1-13	Surface - Area B	- .	100	Riface, stemmed	proximal	Woodland, Middle	Calmown
23PO360	1-14	Surface - Area B		Dickson		proximal	Archaic, Late - Woodland	Unknown
23PO360	1.15	Surface - Area B	_	Languy	Waife bifoois	arhok	Woodland, Late	Kaife?
23PO360	1-16	Surface - Area B		Rice Side Newbod	New York	i e mi a com	Woodland, Late	Unknown
2320360	1-17	Surface - Area B	-	Rice Side Notched	Excher, surmined	la carlanda	Woodland	Perforator
OALCIGEC	1.18	Surface - Area B	-	Unchessified	Chill, briscial	1	I to bearing	Unknown
2000	9 -	Surface - Area B	4	Undessified	Biface	III (CEOCCIO)	T To be a second of the	Knife
	2	Surface . Area B	7	Unchassified	Kaife, bifacial	mildsection		Derg point
2310300	8:1		-	1 Inchessified	Projective point/knife	Ç.	Control	2 2
23PO360	1-21	Surface - Area o	٠.	P. P. Standard	Knife/scraper	distal	Unknown	Naic
2370360	1-12	Surface - Area B	-		Knife hifadial	s.bole	Archaic, Late	Knife
23PO360	1-2	Surface - Area A		Codar variant	Valle biledel	s pok	Archaic, Late	Knife
23PO360	1-1	Surface - Area A	-	Fairland-like	Natic, ouecast	100	Woodland, Late	Arrow point
23PO360	2-3	Surface - Area A	-	Koster-like	Arrow pount	90 43	(Intrown	Unknown
2120360	2.4	Surface - Area A	-	Unchassified	rretorm	a city and in	Linknown	Knife
7350360		Surface - Ares A	7	Unclassified	Knile, bracial	Entrace 100	Woodland?	Perforator
0350055		Surface - Area A		(Inclassified	Daill, Miscisi	proximal		Knife
250107	1			O. C Matched var	Keife, bifacial	DEOXIETES!		

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23PO361 1.2 Surface general 1 Big Creek Kaile, bideal 23PO361 1.3 Surface general 1 Undestified Kaile, bideal 23PO361 1.4 Surface general 1 Langty Histor, stemmed 23PO361 1.4 Surface general 1 Table Rock variant Biface, stemmed 23PO361 1.4 Surface general 2 Undestified Kaile, bifacial 23PO361 1.8 Surface general 7 Undestified Kaile, bifacial 23PO366 1.1 Surface general 1 Undestified Raife, bifacial 23PO366 1.4 Surface general 1 Undestified Raife, bifacial 23PO366 1.5 Surface general 1 Undestified Raife, bifacial 23PO366 1.6 Surface general 1 Undestified Raife, bifacial 23PO366 1.1 Surface general 1 Undestified Raife, bifacial 23PO366 1.1 Surface gene		proximal	Archaic, Late Woodland Archaic, Late - Woodland Missional	Knife
1-3 Surface - general Unclassified		whole	Woodland Archaic, Late - Woodland Minimizering	Knife
1-4 Surface general Langtry		11111111	Archaic, Late - Woodland	
1-5 Surface - general 1 Table Rock variant 1-7 Surface - general 1 Table Rock variant 1-7 Surface - general 1 Unclassified 1-8 Surface - general 1 Unclassified 1-8 Surface - general 1 Unclassified 1-4 Surface - general 1 Unclassified 1-5 Surface - general 1 Unclassified 1-5 Surface - general 1 Surface - general 1 Surface general 1 Table Rock variant 1-14 Surface general 1 Table Rock variant 1-15 Surface general 1 Table Rock variant 1-15 Surface general 1 Table Rock variant 1-15 Surface general 1 Surface gener	_	MULINON	Minimized	Unknown
1-6 Surface general 1 Table Rock variant 1-7 Surface general 2 Unclassified 1-8 Surface general 2 Unclassified 1-1 Surface general 1 Unclassified 1-2 Surface general 1 Unclassified 1-3 Surface general 1 Unclassified 1-4 Surface general 1 Unclassified 1-5 Surface general 1 Smith variant 1-7 Surface general 1 Smith variant 1-10 Surface general 1 Stook Corner Notched 1-11 Surface general 1 Table Rock variant 1-12 Surface general 1 Table Rock variant 1-13 Surface general 1 Table Rock variant 1-14 Surface general 1 Table Rock variant 1-15 Surface general 1 Table Rock variant 1-16 Surface general 1 Table Rock variant 1-17 Surface general 1 Table Rock variant 1-18 Surface general 1 Table Rock variant 1-19 Surface general 1 Scallora 1-20 Surface general 1 Scallora 1-21 Surface general 1 Surface general 1-22 Surface general 1 Surface general 1-23 Surface general 1 Surface general 1-24 Surface general 1 Surface general 1-25 Surface general 1 Surface general 1-26 Surface general 1 Surface general 1-27 Surface general 1 Surface general 1-28 Surface general 1 Surface general 1-29 Surface general 1 Surface general 1-20 Surface general 1 Surface general 1-21 Surface general 1 Surface general 1-22 Surface general 1 Surface general 1-23 Surface general 1 Surface general 1-24 Surface general 1 Surface general 1-25 Surface general 1 Surface general 1-26 Surface general 1 Surface general 1-27 Surface general 1 Surface general 1-28 Surface general 1 Surface general 1-29 Surface general 1 Surface general 1-25 Surface general 1 Surface general 1-26 Surface general 1 Surface general 1-27 Surface general 1 Surface general		whole	A STREET OF THE STREET	Arrow point
1.7 Surface - general 2 Unclassified 1.8 Surface - general 1 Unclassified 1.2 Surface - general 1 Unclassified 1.3 Surface - general 1 Unclassified 1.4 Surface - general 1 Unclassified 1.5 Surface - general 1 Surface 1.7 Surface - general 1 Surface 1.8 Surface - general 1 Unclassified 1.1 Surface - general 1 Stone Corner Notched 1.1 Surface - general 1 Table Rock variant 1.1 Surface - general 1 Langtry 1.2 Surface - general 1 Scallora 1.3 Surface - general 1 Scallora 1.4 Surface - general 1 Scallora 1.5 Surface - general 1 Scallora 1.7 Surface - general 1 Scallora 1.8 Surface - general 1 Scallora 1.9 Surface - general 1 Scallora 1.1 Surface - general 1 Scallora 1.2 Surface - general 1 Scallora 1.3 Surface - general 1 Scallora 1.4 Surface - general 1 Scallora 1.5 Surface - general 1 Scallora 1.7 Surface - general 1 Scallora 1.8 Surface - general 1 Scallora 1.9 Surface - general 1 Scallora 1.1 Surface - general 1 Scallora 1.2 Surface - general 1 Scallora 1.3 Surface - general 1 Scallora 1.4 Surface - general 1 Scallora 1.5		proximal	Archaic, Late	Unknown
1.8 Surface - general 7 Unclassified 1.2 Surface - general 1 Unclassified 1.4 Surface - general 1 Unclassified 1.4 Surface - general 1 Unclassified 1.5 Surface - general 1 Unclassified 1.10 Surface - general 1 Table Rock variant 1.14 Surface - general 1 Table Rock variant 1.15 Surface - general 1 Table Rock variant 1.16 Surface - general 1 Table Rock variant 1.17 Surface - general 1 Table Rock variant 1.16 Surface - general 1 Table Rock variant 1.17 Surface - general 1 Table Rock variant 1.18 Surface - general 1 Table Rock variant 1.19 Surface - general 1 Surf		midsection	Unknown	Knife
1-1 Surface - general 1 Unclassified 1-2 Surface - general 1 Langity 1-3 Surface - general 1 Unclassified 1-4 Surface - general 1 Unclassified 1-5 Surface - general 1 Smith variant 1-7 Surface - general 1 Smith variant 1-10 Surface - general 1 Stone Corner Notched 1-11 Surface - general 1 Stone Corner Notched 1-12 Surface - general 1 Table Rock variant 1-14 Surface - general 1 Table Rock variant 1-15 Surface - general 1 Table Rock variant 1-16 Surface - general 1 Table Rock variant 1-17 Surface - general 1 Table Rock variant 1-18 Surface - general 1 Scallora 1-20 Surface - general 1 Scallora 1-21 Surface - general 1 Scallora 1-22 Surface - general 1 Scallora 1-23 Surface - general 1 Scallora 1-24 Surface - general 1 Scallora 1-25 Surface - general 1 Scallora 1-26 Surface - general 1 Scallora 1-27 Surface - general 1 Scallora 1-28 Surface - general 1 Scallora 1-29 Surface - general 1 Scallora 1-20 Surface - general 1 Scallora 1-21 Surface - general 1 Scallora 1-22 Surface - general 1 Scallora 1-23 Surface - general 1 Scallora 1-24 Surface - general 1 Scallora 1-25 Surface - general 1 Scallora 1-26 Surface - general 1 Scallora 1-27 Surface - general 1 Scallora 1-28 Surface - general 1 Scallora 1-29 Surface - general 1 Scallora 1-20 Surface - general 1 Scallora 1-21 Surface - general 1 Scallora 1-22 Surface - general 1 Scallora 1-23 Surface - general 1 Scallora 1-24 Surface - general 1 Scallora 1-25 Surface - general 1 Scallora 1-26 Surface - general 1 Scallora 1-27 Surface - general 1 Scallora 1-28 Surface - general 1 Scallora 1-24 Surface - general 1 Scallora 1-25 Surface - ge		midection	Unknown	Unknown
1.2 Surface green 1 Langtry 1.3 Surface green 15 Unclassified 1.4 Surface green 15 Unclassified 1.5 Surface green 1 Smith variant 1.7 Surface green 1 Smith variant 1.9 Surface green 1 Unclassified 1.9 Surface green 1 Unclassified 1.10 Surface green 1 Stone Corner Notched 1.12 Surface green 1 Stone Corner Notched 1.13 Surface green 1 Table Rock variant 1.14 Surface green 1 Table Rock variant 1.15 Surface green 1 Table Rock variant 1.16 Surface green 1 Table Rock variant 1.17 Surface green 1 Table Rock variant 1.18 Surface green 1 Soulon 1.20 Surface green 1 Soulon 1.21 Surface green 1 Soulon 1.22 Surface green 1 Soulon 1.23 Surface green 1 Soulon 1.24 Surface green 1 Soulon 1.25 Surface green 1 Surface green 1 Soulon 1.25 Surface green 1 Surface green 1 Soulon 1.25 Surface green 1 Unclassified 1.25		whole	Unknown (Archaic?)	Knife
1-3 Surface - general 15 Unclassified 1-4 Surface - general 7 Unclassified 1-5 Surface - general 1 Smith variant 1-7 Surface - general 1 Smith variant 1-8 Surface - general 1 Unclassified 1-9 Surface - general 1 Stone Corner Notched 1-10 Surface - general 1 Stone Corner Notched 1-11 Surface - general 1 Table Rock variant 1-12 Surface - general 1 Table Rock variant 1-14 Surface - general 1 Table Rock variant 1-15 Surface - general 1 Table Rock variant 1-16 Surface - general 1 Table Rock variant 1-17 Surface - general 1 Scallora 1-18 Surface - general 1 Scallora 1-20 Surface - general 1 Scallora 1-21 Surface - general 1 Scallora 1-22 Surface - general 1 Scallora 1-23 Surface - general 1 Scallora 1-24 Surface - general 1 Scallora 1-25 Surface - general 1 Scallora 1-26 Surface - general 1 Scallora 1-27 Surface - general 1 Scallora 1-28 Surface - general 1 Scallora 1-29 Surface - general 1 Scallora 1-20 Surface - general 1 Scallora 1-21 Surface - general 1 Scallora 1-22 Surface - general 1 Scallora 1-23 Surface - general 1 Scallora 1-24 Surface - general 1 Scallora 1-25 Surface - general 1 Scallora 1-26 Surface - general 1 Scallora 1-27 Surface - general 1 Scallora 1-28 Surface - general 1 Scallora 1-29 Surface - general 1 Scallora 1-20 Surface - general 1 Scallora 1-21 Surface - general 1 Scallora 1-22 Surface - general 1 Scallora 1-23 Surface - general 1 Scallora 1-24 Surface - general 1 Scallora 1-25 Surface - general 1 Scallora 1-26 Surface - general 1 Scallora 1-27 Surface - general 1 Scallora 1-28 Surface - general 1 Scallora 1-24 Surface - general 1 Scallora 1-25 Surface -		wbole	Archaic, Late - Woodland	Knife
1.4 Surface - general 7 Unclassified 1.5 Surface - general 1 Unclassified 1.7 Surface - general 1 Smith variant 1.8 Surface - general 1 Unclassified 1.9 Surface - general 1 Unclassified 1.10 Surface - general 1 Snuben 1.11 Surface - general 1 Shobe Corner Notched 1.12 Surface - general 1 Table Rock variant 1.13 Surface - general 1 Table Rock variant 1.15 Surface - general 1 Langtry 1.16 Surface - general 1 Langtry 1.20 Surface - general 1 Scallora 1.21 Surface - general 1 Scallora 1.22 Surface - general 1 Scallora 1.23 Surface - general 1 Scallora 1.24 Surface - general 1 Unclassified 1.25 Surface - general		midsection	Unknown	Unknown
1-5 Surface general 4 Unclassified 1-6 Surface general 1 Smith variant 1-7 Surface general 1 Unclassified 1-9 Surface general 1 Unclassified 1-10 Surface general 1 Stone Corner Notched 1-11 Surface general 1 Stone Corner Notched 1-12 Surface general 1 Table Rock variant 1-14 Surface general 1 Table Rock variant 1-15 Surface general 1 Table Rock variant 1-16 Surface general 1 Langity 1-17 Surface general 1 Langity 1-18 Surface general 1 Scallora 1-20 Surface general 1 Scallora 1-21 Surface general 1 Scallora 1-22 Surface general 1 Scallora 1-23 Surface general 1 Scallora 1-24 Surface general 1 Scallora 1-25 Surface general 1 Scallora 1-26 Surface general 1 Scallora 1-27 Surface general 1 Scallora 1-28 Surface general 1 Scallora 1-29 Surface general 1 Unclassified 1-25 Surface general 1 Unclassified		midsection	Unknown	Knife
1-6 Surface - general 1 Smith variant 1-7 Surface - general 1 Unclassified 1-8 Surface - general 1 Unclassified 1-10 Surface - general 1 Surface - general 1-11 Surface - general 1 Stone Corner Notched 1-12 Surface - general 1 Table Rock variant 1-13 Surface - general 1 Table Rock variant 1-14 Surface - general 1 Table Rock variant 1-15 Surface - general 1 Langtry 1-16 Surface - general 1 Langtry 1-17 Surface - general 1 Scallora 1-20 Surface - general 1 Scallora 1-21 Surface - general 1 Scallora 1-22 Surface - general 1 Scallora 1-23 Surface - general 1 Undassified 1-24 Surface - general 1 Undassified 1-25		midsection	Unknown	Unknown
1-7 Surface general 1 Unclassified 1-8 Surface general 1 Unclassified 1-10 Surface general 1 Unclassified 1-11 Surface general 1 Stone Corner Notched 1-12 Surface general 1 Stone Corner Notched 1-13 Surface general 1 Table Rock variant 1-14 Surface general 1 Table Rock variant 1-15 Surface general 1 Table Rock variant 1-16 Surface general 1 Langtry 1-17 Surface general 1 Langtry 1-18 Surface general 1 Scallora 1-20 Surface general 1 Scallora 1-21 Surface general 1 Scallora 1-22 Surface general 1 Scallora 1-23 Surface general 1 Scallora 1-24 Surface general 1 Unclassified 1-25 Unclassifie		whole	Archaic, Late	Knife
1.8 Surface - general 1 Unclassified 1.9 Surface - general 1 Unclassified 1-10 Surface - general 1 Stooe Corner Notched 1-12 Surface - general 1 Table Rock variant 1-13 Surface - general 1 Table Rock variant 1-14 Surface - general 1 Table Rock variant 1-15 Surface - general 1 Langtry 1-16 Surface - general 1 Langtry 1-17 Surface - general 1 Langtry 1-20 Surface - general 1 Scallom 1-21 Surface - general 1 Scallom 1-22 Surface - general 1 Scallom 1-23 Surface - general 1 Unclassified 1-24 Surface - general 1 Unclassified 1-25 Surface - general 1 Unclassified	Smith Projectile point/knife	whole	Archaic, Late	Kaife
1-9 Surface general 1 Unclassified		whole	Archaic, Late	Knife
1-10 Surface - general Stone Corner Notched 1-12 Surface - general Stone Corner Notched 1-13 Surface - general Table Rock variant 1-14 Surface - general Table Rock variant 1-15 Surface - general Table Rock variant 1-16 Surface - general Table Rock variant 1-17 Surface - general Inangtry 1-18 Surface - general Inangtry 1-19 Surface - general Inangtry 1-20 Surface - general Inangtry 1-21 Surface - general Scallora 1-22 Surface - general Scallora 1-23 Surface - general Scallora 1-24 Surface - general Unclassified 1-25 Surface - general Unclassified 1-25 Surface - general Unclassified 1-26 Surface - general Unclassified 1-25 Surface - general Unclassified 1-26 Surface - general Unclassified 1-27 Surface - general Unclassified 1-28 Surface - general Unclassified 1-29 Surface - general Unclassified 1-20 Surface - general Unclassified 1-25 Surface - general Unclassified 1-26 Surface - general Unclassified 1-27 Surface - general Unclassified 1-28 Surface - general Unclassified 1-29 Surface - general Unclassified 1-20 S		whole	Archaic, Middle	Knife
1.11 Surface - general 1 Stone Corner Notched 1.12 Surface - general 1 Table Rock variant 1.13 Surface - general 1 Table Rock variant 1.15 Surface - general 1 Table Rock variant 1.16 Surface - general 1 Langtry 1.17 Surface - general 1 Langtry 1.18 Surface - general 1 Dickson 1.19 Surface - general 1 Scallorn 1.20 Surface - general 1 Scallorn 1.21 Surface - general 1 Scallorn 1.22 Surface - general 1 Scallorn 1.23 Surface - general 1 Scallorn 1.24 Surface - general 1 Unclassified 1.25 Surface - general 1 Unclassified 1.26 Surface - general 1 Unclassified 1.27 Surface - general 1 Unclassified 1.28 Surface - general 1 Unclassified 1.29 Surface - general 1 Unclassified 1.25 Surface - general 1 Unclassified 1.25 Surface - general 1 Unclassified 1.25 Surface - general 1 Unclassified 1.26 Surface - general 1 Unclassified 1.27 Surface - general 1 Unclassified 1.28 Surface - general 1 Unclassified 1.29 Surface - general 1 Unclassified 1.20 Surface - general 1 Unclassified 1.21 Surface - general 1 Unclassified 1.22 Surface - general 1 Unclassified 1.23 Surface - general 1 Unclassified 1.24 Surface - general 1 Unclassified 1.25 Surface - general 1 Unclassified 1.26 Surface - general 1 Unclassified 1.27 Surface - general 1 Unclassified 1.28 Surface - general 1 Unclassified 1.29 Surface - general 1 Unclassified 1.20 Surface - general 1 Unclassified 1.21 Surface - general 1 Unclassified 1.22 Surface - general 1 Unclassified 1.23 Surface - general 1 Unclassified		whole	Woodland, Middle - Late	Knife
1-12 Surface - general I Table Rock variant		proximal	Archaic, Late	Knife
1-13 Surface - general 1 Table Rock variant 1-14 Surface - general 1 Table Rock variant 1-15 Surface - general 1 Table Rock variant 1-16 Surface - general 1 Langtry 1-17 Surface - general 1 Dickson 1-18 Surface - general 1 Dickson 1-19 Surface - general 1 Scallora 1-20 Surface - general 1 Scallora 1-21 Surface - general 1 Scallora 1-22 Surface - general 1 Scallora 1-23 Surface - general 1 Unclassified 1-24 Surface - general 1 Unclassified 1-25 Surface - general 1 Unclassified 1-26 Surface - general 1 Unclassified 1-27 Surface - general 1 Unclassified 1-28 Surface - general 1 Unclassified 1-29 Surface - general 1 Unclassified 1-20 Surface - general 1 Unclassified 1-25 Surface - general 1 Unclassified 1-26 Surface - general 1 Unclassified 1-27 Surface - general 1 Unclassified 1-28 Surface - general 1 Unclassified 1-29 Surface - general 1 Unclassified 1-20 Surface - general 1 Unclassified		whole	Archaic, Late - Woodland	Kaife
1-14 Surface - general Table Rock variant 1-15 Surface - general Table Rock variant 1-16 Surface - general Langtry 1-17 Surface - general Langtry 1-18 Surface - general Dickson 1-19 Surface - general Langtry 1-20 Surface - general Scallorn 1-21 Surface - general Scallorn 1-22 Surface - general Scallorn 1-23 Surface - general Sallisaw 1-24 Surface - general Unclassified 1-25 Surface - general Unclassified 1-25 Surface - general Unclassified 1-26 Surface - general Unclassified 1-27 Surface - general Unclassified 1-28 Surface - general Unclassified 1-29 Surface - general Unclassified 1-25 Surface - general Unclassified 1-26 Surface - general Unclassified 1-27 Surface - general Unclassified 1-28 Surface - general Unclassified 1-29 Surface - general Unclassified 1-20 Surface - general Unclassified 1-25 Surface - general Unclassified 1-26 Surface - general Unclassified 1-27 Surface - general Unclassified 1-28 Surface - general Unclassified 1-29 Surface - general Unclassified 1-20 Surface - general Unclassified Un		stem	Archaic, Late	Dart point?
1.15 Surface general Table Rock variant 1.16 Surface general Langtry 1.17 Surface general Langtry 1.18 Surface general Dickson 1.19 Surface general Langtry 1.20 Surface general Scallora 1.21 Surface general Scallora 1.22 Surface general Surface general 1.24 Surface general Unclassified 1.25 Surface general Unclassified 1.26 Surface general Unclassified 1.27 Surface general Unclassified 1.28 Surface general Unclassified 1.29 Surface general Unclassified 1.20 Surface general Unclassified 1.21 Surface general Unclassified 1.22 Surface general Unclassified 1.23 Surface general Unclassified 1.24 Surface general Unclassified 1.25 Surface general Unclassified 1.26 Surface general Unclassified 1.27 Surface general Unclassified 1.28 Surface general Unclassified 1.29 Surface general Unclassified 1.20 Surface general Unclassified 1.25 Surface general Unclassified 1.26 Surface general Unclassified 1.27 Surface general Unclassified 1.28 Surface general Unclassified 1.29 Surface general Unclassified 1.20 Surface general Unclassified 1.21 Surface general Unclassified 1.22 Surface general Unclassified 1.23 Surface general Unclassified 1.24 Surface general Unclassified 1.25 Surface general Unclassified 1.25		proximal	Archaic, Late	Knife
1-16 Surface - general 1 Langtry 1-17 Surface - general 1 Langtry 1-18 Surface - general 1 Dickson 1-19 Surface - general 1 Scallorn 1-21 Surface - general 1 Scallorn 1-22 Surface - general 1 Scallorn 1-23 Surface - general 1 Sufface - general 1 Surface - general 1 Undassified 1-25 Undassified 1-25		proximal	Archaic, Late	Unknown
1.7 Surface general Langity 1.18 Surface general Dickson L.20 Surface general L.21 Scallora Scallora L.22 Surface general L.22 Surface general L.23 Surface general L.23 Surface general L.24 Surface general L.25		whole	Archaic, Late - Woodfand	Knife
1-18 Surface general Dickwood 1-19 Surface general 1 Scallora 1-21 Surface general 1 Scallora 1-22 Surface general 1 Scallora 1-23 Surface general 1 Sufface general 1 Sufface general 1 Undassified 1-25 Surface general 1 Undassified 1-25 Un		proximal	Archaic, Late - Woodland	Knife
1-19 Surface general 1 Langity 1-20 Surface general 1 Scallora 1-21 Surface general 1 Scallora 1-22 Surface general 1 Sequoyah 1-23 Surface general 1 Sulisaw 1-24 Surface general 1 Unclassified 1-25 Surface general 1 Unclassified		whole	Woodland, Middle	Knife
1-20 Surface - general 1 Scallor 1-21 Surface - general 1 Scallor 1-22 Surface - general 1 Sequoyah 1-23 Surface - general 1 Sallisaw 1-24 Surface - general 1 Undassified 1-25 Surface - general 1 Undassified		proximal	Archaic, Late - Woodland	Knife
1-21 Surface - general 1 Scallorn 1-22 Surface - general 1 Sequoyah 1-23 Surface - general 1 Sallisaw 1-24 Surface - general 1 Undussified 1-25 Surface - general 1 Undussified		whole	Woodland, Late-Mississipp	Arrow point
1-22 Surface - general 1 Sequoyah 1-23 Surface - general 1 Salisaw 1-24 Surface - general 1 Undassified 1-25 Surface - general 1 Undassified		whole	Woodland, Late-Mississipp	Arrow point
1-23 Surface general 1 Salissaw 1-24 Surface general 1 Unclassified 1-25 Surface general 1 Unclassified	-	proximal	Mississippi	Arrow point
1-24 Surface general 1 Unclassified 1-25 Surface general 1 Unclassified		proximal	Mississippi	Arrow point
1.25 Surface general 1 Unclassified		άp	Mississippi	Arrow point
	·	midsection	Unknown	Arrow point
1.26 Surface -		whole	Unknown	Woodworking, heavy
1.27		proximal	Unknown	Unknown
1-28 Surface - general 1 Unclassified	Unclassified Scraper, bifacial end	proxinal	Mississippi	Scraper

Stone tools collected by Howard Wimmer APPENDIX B

Kaife, bifecial whole Unknown Higger, stemmed proximal Archaic, late?	Site No.	Cat No.	Provenience	ರ	Type Name	Artifact Description	Portion	Cultural Affilition	Priguary Function
1.30 Suffore graveni 1 Undessified Bidae, steinmed proximal Archbic, Late? Journal Suffore, graveni 1 Undessified Preform whole Unknown Unknown 1.32 Suffore, graveni 1 Undessified Preform whole Unknown Unknown 1.33 Suffore, graveni 1 Undessified Preform whole Unknown Unknown 1.34 Suffore, graveni 1 Undessified Preform addression Unknown Unknown 1.35 Suffore, graveni 2 Undessified Ruife, bifficial midsoction Unknown Unknown 1.35 Suffore, graveni 1 Undessified Ruife, bifficial midsoction Unknown 1.35 Suffore, graveni 1 Undessified Ruife, bifficial midsoction Unknown 1.35 Suffore, graveni 1 Undessified Ruife, bifficial midsoction Unknown 1.35 Suffore, graveni 1 Undessified Ruife, bifficial whole Woodland, Middle 1.35 Suffore, graveni 1 Undessified Ruife, bifficial whole Woodland, Middle 1.35 Suffore, graveni 1 Undessified Ruife, bifficial whole Woodland, Middle 1.35 Suffore, graveni 1 Undessified Ruife, bifficial whole Woodland, Middle 1.35 Suffore, graveni 1 Undessified Ruife, bifficial whole Woodland, Middle 1.35 Suffore, graveni 1 Undessified Ruife, bifficial whole Woodland, Middle 1.35 Suffore, graveni 1 Undessified Ruife, bifficial whole Woodland, Middle 1.35 Suffore, graveni 1 Undessified Ruife, bifficial whole Woodland, Middle 1.35 Suffore, graveni 1 Undessified Ruife, bifficial whole Woodland, Ruife, Late Woodland Ruife, bifficial whole Archbic, Late Woodland Luife, Suffore, graveni 1 Tribte Rock Stemmord Ruife, bifficial whole Archbic, Late Woodland Luife, Suffore, graveni 1 Tribte Rock Stemmord Ruife, bifficial whole Archbic, Late Woodland Luife, Suffore, graveni 1 Ruife, Conner Nochole Ruife, bifficial whole Archbic, Late Woodland Luife, Suffore, graveni 1 Ruife, Conner Nochole Ruife, bifficial whole Archbic, Late Woodland Luife, Suffore, graveni 1 Ruife, Conner Nochole Ruife, bifficial whole Archbic, Late Woodland Luife, Suffore, graveni 1 Ruife, Conner Nochole Ruife, bifficial whole Archbic, Late Woodland Luife, Suffore, graveni 1 Ruife, conner Nochole Ruife, bifficial whole Archbic, Late Woodland Lui	23FO366	1.29	Surface - general	-	Unclassified	Knife, bifacial	whole	Unknown	Knife
1.31 Surface general 1 Langury Bidace streamed Preform Provincal Archite, Later Woodland 1.32 Surface general 1 Underseified Preform whole Unbrown 1.34 Surface general 1 Underseified Preform whole Unbrown 1.35 Surface general 1 Underseified Preform whole Unbrown 1.31 Surface general 24 Underseified Preform whole Unbrown 1.32 Surface general 1 Underseified Rule, Bidecisio Unbrown 1.34 Surface general 1 Surva Comer Household Kalie, Bidecisi unideccisio Unbrown 1.34 Surface general 1 Surva Comer Household Kalie, Bidecisi whole Woodland, Middle 1.35 Surface general 1 Surva Comer Household Kalie, Bidecisi whole Woodland, Middle 1.35 Surface general 1 Surva Comer Household Kalie, Bidecisi whole Woodland, Middle 1.35 Surface general 1 Surva Comer Household Kalie, Bidecisi whole Woodland, Middle Late 1.36 Surface general 1 Surva Comer Household Kalie, Bidecisi whole Woodland 1.36 Surface general 1 Surva Comer Household Kalie, Bidecisi whole Woodland 1.36 Surface general 1 Surva Comer Household Kalie, Bidecisi whole Woodland 1.37 Surface general 1 Surva Comer Household Kalie, Bidecisi whole Woodland 1.38 Surface general 1 Surva Comer Household Kalie, Bidecisi whole Archite, Late 1.30 Surface general 1 Kalie Comer Household Edica, streamenol Portition Archite, Late 1.30 Surface general 1 Kalie Comer Household Rule, Bidecisi whole Archite, Late 1.30 Surface general 1 Kalie Comer Household Rule, Bidecisi whole Archite, Late 1.31 Surface general 1 Kalie Comer Household Rule, Bidecisi whole Archite, Late 1.32 Surface general 1 Kalie Comer Household Rule, Bidecisi whole Archite, Late 1.33 Surface general 1 Kalie Comer Household Rule, Bidecisi whole Archite, Late 1.34 Surface	2370366	1-30	Surface - general	7	Unclassified	Biface, stemmed	proximal	Archaic, Late?	Unknown
1.32 Surface-general 1 Hodenselford Perform positional Utbinown 1.34 Surface-general 1 Underselford Perform whole Utbinown 1.15 Surface-general 1 Underselford Perform whole Utbinown 1.15 Surface-general 2 Underselford Kalife bliefail whole Utbinown 1.15 Surface-general 1 Underselford Kalife bliefail whole Archafel Lise 1.15 Surface-general 1 Underselford Kalife bliefail whole Woodland, Middle 1.16 Surface-general 1 Underselford Kalife bliefail whole Woodland, Middle 1.17 Surface-general 1 Underselford Kalife bliefail whole Woodland, Middle 1.10 Surface-general 1 Underselford Kalife bliefail whole Woodland, Middle 1.10 Surface-general 1 Underselford Kalife bliefail whole	23PO366	1-31	Surface - general	-4	Langity?	Biface, stemmod	proximal	Archaic, Late - Woodland	Unknown
1.34 Surface general 1 Undensfield Perform whole Unknown 1.35 Surface general 1 Undensfield Perform whole Unknown 1.11 Surface general 2 Undensfield Perform midection Unknown 1.12 Surface general 1.1 Undensfield Kalic, bliefail midection Unknown 1.13 Surface general 1.1 Undensfield Kalic, bliefail whole Modulat, bliefail 1.14 Surface general 1 Orkeon Kalic, bliefail whole Woodland, bliddle 1.15 Surface general 1 Orkeon Kalic, bliefail whole Woodland, bliddle 1.10 Surface general 1 Orkeon Kalic, bliefail whole Woodland, bliddle 1.10 Surface general 1 Orkeon Kalic, bliefail whole Woodland, bliddle 1.11 Surface general 1 Surface general 1 Surface general 1	23PO366	1-32	Surface - general	-	Unclassified	Preform	proximal	Unknown	Unknown
1.35 Surface general 1 Underselfed Preform whole Unknown Unknown 1.12 Surface general 2 Underselfed Preform whole distal Unknown 1.12 Surface general 2 Underselfed Preform and indecession Unknown Unknown 1.12 Surface general 1 Sine Corner Norbed Kaife, blickali whole Woodland, Middle 1.13 Surface general 1 Sine Corner Norbed Kaife, blickali whole Woodland, Middle 1.14 Surface general 1 Underselfed Kaife, blickali whole Woodland, Middle 1.15 Surface general 1 Underselfed Kaife, blickali whole Woodland, Middle 1.15 Surface general 1 Underselfed Kaife, blickali whole Woodland, Middle 1.15 Surface general 1 Underselfed Kaife, blickali whole Woodland, Middle 1.15 Surface general 1 Underselfed Kaife, blickali whole Woodland, Middle 1.15 Surface general 1 Underselfed Kaife, blickali whole Woodland, Middle 1.16 Surface general 1 Stone Corner Norbed var. Kaife, blickali whole Woodland, Middle 1.16 Surface general 1 Stone Corner Norbed var. Kaife, blickali whole Woodland, Middle 1.16 Surface general 1 Stone Corner Norbed Woodland Archaic, Late 1.16 Surface general 1 Stone Corner Norbed Woodland Archaic, Late 1.16 Surface general 1 Stone Corner Norbed Woodland Archaic, Late 1.16 Surface general 1 Table Rock variant Kaife, blickali whole Archaic, Late Woodland 1.16 Surface general 1 Kinge Corner Norbed Kaife, blickali whole Archaic, Late Woodland 1.17 Surface general 1 Kinge Corner Norbed Raife, blickali whole Archaic, Late Woodland 1.18 Surface general 1 Kinge Corner Norbed Raife, blickali whole Archaic, Late Woodland 1.18 Surface general 1 Kinge Corner Norbed Raife, blickali whole Archaic, Late Woodland 1.18 Surface general 1 Kinge Corner Norbed Raife, blickali whole Archaic, Late Woodland 1.18 Surface general 1 Kinge Corner Norbed Raife, blickali whole Archaic, Late Woodland 1.18 Surface general 1 Kinge Corner Norbed Raife, blickali Woodland W	2370366	X-1	Surface - general	-	Unclassified	Preform	whole	Unknown	Unknown
1.36 Surface general 1 Underledfied Preform, aborded distal Unknown 1.1 Surface general 2 Underselfied Kalfe, biferial midsection Unknown 1.3 Surface general 11 Undessified Kalfe, biferial whole Modulat, falle 1.4 Surface general 1 Strates general 1 Undessified Kalfe, biferial whole Woodland, bifdle 1.5 Surface general 1 Undessified Kalfe, biferial whole Woodland, bifdle 1.7 Surface general 1 Undessified Kalfe, biferial whole Woodland, bifdle 1.1 Surface general 1 Undessified Kalfe, biferial whole Woodland, bifdle 1.10 Surface general 1 Strates gener	23PO366	1-35	Surface - general	-	Unclassified	Preform	whole	Unknown	Unknown
1.1 Surface general 2.4 Unclassified Rulic bifecial unidection Unknown 1.2 Surface general 1 Unclassified Rulic bifecial unidection Unknown 1.3 Surface general 1 State Corner Notched Rulic bifecial whole Woodland, Middle 1.4 Surface general 1 State Corner Notched Rulic bifecial whole Woodland, Middle 1.5 Surface general 1 Unclassified Rulic bifecial whole Woodland, Middle 1.7 Surface general 1 Unclassified Rulic bifecial whole Woodland, Middle 1.8 Surface general 1 Unclassified Rulic bifecial whole Woodland, Middle 1.10 Surface general 1 Unclassified Rulic bifecial whole Woodland, Middle 1.11 Surface general 1 Unclassified Rulic bifecial whole Woodland, Middle 1.12 Surface general 1 Stone Corner Notched var. Rulic bifecial whole Woodland 1.13 Surface general 1 Stone Corner Notched var. Rulic bifecial whole Woodland 1.14 Surface general 1 Stone Corner Notched var. Rulic bifecial whole Woodland 1.15 Surface general 1 Stone Corner Notched var. Rulic bifecial whole Woodland 1.16 Surface general 1 Stone Corner Notched var. Rulic bifecial whole Archaic, Late 1.17 Surface general 1 Ruling Corner Notched Rulic bifecial whole Archaic, Late 1.18 Surface general 1 Ruling Corner Notched Rulic bifecial whole Archaic, Late 1.19 Surface general 1 Ruling Corner Notched Rulic bifecial whole Archaic, Late Woodland 1.20 Surface general 1 Ruling Corner Notched Rulic bifecial whole Archaic, Late 1.21 Surface general 1 Ruling Corner Notched Rulic bifecial whole Archaic, Late 1.22 Surface general 1 Ruling Corner Notched Rulic bifecial whole Archaic, Late 1.23 Surface general 1 Ruling Corner Notched Rulic bifecial whole Archaic, Late 1.24 Surface general 1 Ruling Corner Notched Rulic bifecial	23PO366	8 -1	Surface - general	-	Undersified	Preform, shorted	distal	Unknown	Unknown
1.2 Surface general 9 Undeserfined Kalfe, biffestel midection Unknown 1.3 Surface general 1.1 Undeserfined Kalfe, biffestel midection Unknown 1.4 Surface general 1.1 Undeserfied Kalfe, biffestel whole Woodland, bifddle 1.6 Surface general 1.1 Undeserfied Kalfe, biffestel whole Woodland, bifddle 1.7 Surface general 1.1 Undeserfied Kalfe, biffestel whole Woodland, bifddle 1.10 Surface general 1.1 Undeserfied Kalfe, biffestel whole Woodland 1.10 Surface general 1.1 Undeserfied Kalfe, biffestel whole Woodland 1.11 Surface general 1.2 Surface general 1.3 Stone Corner Notched Biffee, stemaned provinal Archair, Late 1.14 Surface general 1.1 Stone Corner Notched Ridfe, biffestel whole Woodland 1.14 Surface general <	23PO370	1.1	Surface - general	24	Undersitied	Preform	midsection	Unknown	Unknown
1.3 Surface - general 1.1 Underseified Kulfe, bircuit midscection Undrawn 1.4 Surface - general 1. Store Cornert Notched Kulfe, bircuit whole Woodland, Middle 1.5 Surface - general 1. Dickson Rojectle potistratic whole Woodland, Middle 1.7 Surface - general 1. Undessified Kulfe, bircuit whole Woodland, Middle 1.9 Surface - general 1. Undessified Kulfe, bircuit whole Woodland, Middle 1.10 Surface - general 1. Undessified Kulfe, bircuit whole Woodland, Middle 1.11 Surface - general 1. Undessified Kulfe, bircuit whole Woodland, Middle 1.12 Surface - general 1. Undessified Kulfe, bircuit whole Woodland, Middle 1.13 Surface - general 1. Undessified Bircuit, bircuit whole Woodland, Middle 1.14 Surface - general 1. Table Roch S	23PO370	1.2	Surface - general	•	Unclassified	Knife, bifacial	midsection	Unknown	Knife
14 Surface general 1 Stone Comer Norbade Kaife, bifecial whole Woodland, Middle Surface general 1 Dickson Projectie pointfulfe whole Woodland, Middle Woodland, Middle Woodland, Middle Woodland, Middle Woodland, Middle Surface general 1 Dickson Kaife, bifecial whole Woodland, Middle Lile Surface general 1 Suche Comer Norbade Kaife, bifecial whole Woodland, Middle Lile Surface general 1 Stone Comer Norbade Kaife, bifecial whole Woodland, Middle Lile Surface general 1 Stone Comer Norbade Biface, streamed Provincial Archafe, Late Lile Surface general 1 Stone Comer Norbade Biface, streamed Provincial Archafe, Late Lile Surface general 1 Stone Comer Norbade Biface, streamed Provincial Archafe, Late Lile Surface general 1 Stone Comer Norbade Biface, streamed Provincial Archafe, Late Lile Surface general 1 Stone Comer Norbade Biface, streamed Provincial Archafe, Late Lile Surface general 1 Stone Comer Norbade Biface, streamed Provincial Archafe, Late Lile Surface general 1 Kinge Comer Norbade Biface, streamed Provincial Archafe, Late Lile Surface general 1 Kinge Comer Norbade Rafe, bifecial Whole Archafe, Late Woodland Lile Surface general 1 Kinge Comer Norbade Rafe, bifecial Whole Archafe, Late Woodland Lile Surface general 1 Kinge Comer Norbade Kaife, bifecial Whole Archafe, Late Woodland Lile Surface general 1 Kinge Comer Norbade Kaife, bifecial Whole Archafe, Late Woodland Lile Surface general 1 Kinge Comer Norbade Kaife, bifecial Whole Archafe, Late Woodland Lile Surface general 1 Kinge Comer Norbade Kaife, bifecial Whole Archafe, Late Woodland Lile Surface general 1 Kinge Comer Norbade Kaife, bifecial Whole Archafe, Late Woodland Lile Surface general 1 Kinge Comer Norbade Kaife, bifecial Whole Archafe, Late Whole Archafe, Late Whole Late Late Kinge Comer Norbade Kaife, bifecial Whole Archafe, Late Who	23PO370	1.3	Surface - general	11	Unclassified	Knife, bifacial	midsection	Unknown	Knife
1.5 Surface general 1 Dictaon Kalle, blicali whole Woodland, Middle 1.5 Surface general 1 Dictaon Roleike pinishale whole Woodland, Middle 1.7 Surface general 1 Undessified Kalle, blicali whole Woodland, Middle 1.10 Surface general 1 Undessified Kalle, blicali whole Woodland, Middle 1.10 Surface general 1 Undessified Kalle, blicali whole Woodland 1.11 Surface general 1 Stone Corner Noteded var. Kalle, blicali proble Woodland 1.12 Surface general 1 Stone Corner Noteded var. Kalle, blicali proble Woodland 1.13 Surface general 1 Stone Corner Noteded var. Blice, stemmed proble Archaic, late 1.14 Surface general 1 Table Rock Semmed Dar point Archaic, late 1.15 Surface general 1 Table Rock Semmed Brice, stemmed <t< td=""><td>23PO370</td><td>7</td><th>Surface - general</th><td>~</td><td>State Corner Notched</td><td>Knife, bifacial</td><td>wbole</td><td>Archaic, Late</td><td>Knife</td></t<>	23PO370	7	Surface - general	~	State Corner Notched	Knife, bifacial	wbole	Archaic, Late	Knife
1.6 Surface general 1 Dickson Rolfe, blincial whole Woodland, Middle 1.7 Surface general 1 Unchesified Kalife, blincial whole Woodland, Middle Late 1.9 Surface general 1 Steuben Kalife, blincial whole Woodland, Middle Late 1.10 Surface general 1 Steuben Kalife, blincial whole Woodland, Middle Late 1.11 Surface general 1 Stone Corner Notched var: Kalife, blincial whole Woodland, Middle Late 1.12 Surface general 1 Stone Corner Notched Blitoc, stemmed proximal Archair, Late 1.13 Surface general 1 Stone Corner Notched Blitoc, stemmed proximal Archair, Late 1.14 Surface general 1 Stone Corner Notched Blitoc, stemmed proximal Archair, Late 1.15 Surface general 1 Table Rock Stemmed Dart point stem Archair, Late 1.16 Surface general 1 Table Rock Stemmed Stem Archair, Late 1.17 Surface general 1 Table Rock Stemmed Stem Archair, Late 1.18 Surface general 1 Kings Corner Notched Blitoc, stemmed stem Archair, Late Woodland 1.20 Surface general 1 Kings Corner Notched Blitoc, stemmed stem Archair, Late Woodland 1.21 Surface general 1 Kings Corner Notched Blitoc, stemmed stem Archair, Late Woodland 1.22 Surface general 1 Kings Corner Notched Blitoc, stemmed stem Archair, Late Woodland 1.23 Surface general 1 Kings Corner Notched Blitoc, stemmed stem Archair, Late Woodland 1.24 Surface general 1 Kings Corner Notched Blitoc, stemmed stem Archair, Late Woodland 1.25 Surface general 1 Kings Corner Notched Blitoc, stemmed proximal Archair, Late Woodland 1.26 Surface general 1 Kings Corner Notched Blitoc, stemmed stem Archair, Late Woodland 1.27 Surface general 1 Kings Corner Notched Blitoc, stemmed stem Archair, Late Woodland 1.28 Surface general 1 Kings Corner Notched Woodland Ruife, blitcial proximal Whole Archair, Late Woodland 1.29 Surface general 1 Kings Corner Notched Woodland Wo	23PO370	7.	Surface - general	-	Dickson	Knife, bifacial	whole	Woodland, Middle	Knife
1.7 Surface general 1 Decision Kalfe, bliesial proximal Woodland, Middle - Late 1.9 Surface general 1 Unclassified Kalfe, bliesial whole Woodland 1.10 Surface general 1 Waubeas Kalfe, bliesial whole Woodland 1.11 Surface general 1 Unclassified Kalfe, bliesial proximal Archaic, Late 1.12 Surface general 1 Stone Corner Notched Blicac, strampol proximal Archaic, Late 1.13 Surface general 1 Stone Corner Notched Blicac, strampol proximal Archaic, Late 1.14 Surface general 1 Surface general 1 Table Roct Strampol Dut point sem Archaic, Late 1.15 Surface general 1 Table Roct Strampol Kalfe, bliesial whole Archaic, Late 1.17 Surface general 1 Table Roct Strampol Kalfe, bliesial whole Archaic, Late 1.10 Surface general	23PO370	9-1	Surface - general	<u>,,</u>	Dickson	Projectile point/taife	whole	Woodland, Middle	Kulfe
1.8 Surface green! 1 Undeseilled Kulfe, bifacial whole Woodland 1.9 Surface green! 1 Wubbas Kulfe, bifacial whole Woodland 1.10 Surface green! 1 Undeseilled Kulfe, bifacial whole Woodland 1.11 Surface green! 1 Stone Corner Notebed var. Kulfe, bifacial proximal Archafe, Late 1.13 Surface green! 1 Stone Corner Notebed var. Kulfe, bifacial proximal Archafe, Late 1.14 Surface green! 1 Stone Corner Notebed var. Biface, unstanned proximal Archafe, Late 1.15 Surface green! 1 Table Rock Stemmed Dart point stem Archafe, Late 1.16 Surface green! 1 Table Rock stemmed Kulfe, bifacial whole Archafe, Late 1.17 Surface green! 1 Table Rock variant Kulfe, bifacial whole Archafe, Late 1.18 Surface green! 1 King Corner Notebed	23PO370	1-7	Surface - general	-	Dickson	Knife, bifacial	proximal	Woodland, Middle	Kaife?
1.9 Surface general 1 Steuben Kalfe, blackal whole Woodland, Middle - Late 1.10 Surface general 1 Wautesa Kalfe, blackal whole Woodland 1.11 Surface general 1 Lundassified Kalfe, blackal provinal Archaic, Late 1.12 Surface general 1 Stone Corner Notched var. Kalfe, blackal provinal Archaic, Late 1.14 Surface general 1 Value River Dart point sem Archaic, Late 1.15 Surface general 1 Table Rock Stemmed Dart point sem Archaic, Late 1.16 Surface general 1 Table Rock Stemmed Dart point sem Archaic, Late 1.19 Surface general 1 Table Rock Stemmed Kalfe, blackal whole Archaic, Late 1.19 Surface general 1 Kalpe Rock Stemmed Kalfe, blackal whole Archaic, Late 1.20 Surface general 1 Kalpe Rock Stemmed Kalfe, blackal	23PO370	9	Surface - general	-	Undersified	Knife, bifacial	whole	Woodland	Knife?
1-10 Surface general 1 Waubeas Kaife, bifical whole woodland? 1-11 Surface general 1 Stone Corner Notched var. Kaife, bifical proximal Archaic, Lake 1-14 Surface general 1 Stone Corner Notched Biface, stemmed proximal Archaic, Lake 1-15 Surface general 1 Stone Corner Notched Biface, stemmed proximal Archaic, Lake 1-15 Surface general 1 Surface general 1 Table Rock variant Kaife, bificial whole Archaic, Lake 1-16 Surface general 1 Table Rock variant Kaife, bificial whole Archaic, Lake 1-17 Surface general 1 Table Rock variant Kaife, bificial whole Archaic, Lake 1-18 Surface general 1 Table Rock variant Kaife, bificial whole Archaic, Lake Archaic, Lake 1-19 Surface general 1 Kings Corner Notched Kaife, bificial whole Archaic, Lake - Woodland 1-20 Surface general 1 Kings Corner Notched Kaife, bificial whole Archaic, Lake - Woodland 1-20 Surface general 1 Kings Corner Notched Kaife, bificial whole Archaic, Lake - Woodland 1-21 Surface general 1 Kings Corner Notched Kaife, bificial whole Archaic, Lake - Woodland 1-22 Surface general 1 Kings Corner Notched Kaife, bificial whole Archaic, Lake - Woodland 1-23 Surface general 1 Undeselfed Kaife, bificial whole Archaic, Lake - Woodland 1-24 Surface general 1 Undeselfed Kaife, bificial whole Archaic, Lake Archaic, Lake L	23PO370	6-1	Surface - general	-	Steuben	Knife, bifacial	wbole	Woodland, Middle - Late	Kaife
1-11 Surface-general 1 Undeseifed Kaife, bifacial wbole Woodland? 1-12 Surface-general 1 Stone Corner Notched Biface, stemmed proximal Archaic, Late 1-14 Surface-general 1 Stone Corner Notched Biface, stemmed proximal Archaic, Late 1-15 Surface-general 1 White River Dart point stem Archaic, Late 1-15 Surface-general 1 Table Rock Stemmed Dart point stem Archaic, Late 1-16 Surface-general 1 Table Rock Stemmed Dart point stem Archaic, Late 1-17 Surface-general 1 Table Rock Stemmed Raife, bifacial whole Archaic, Late 1-18 Surface-general 1 Kings Corner Notched Biface, stemmed stem Archaic, Late - Woodland 1-20 Surface-general 1 Kings Corner Notched Biface, stemmed stem Archaic, Late - Woodland 1-24 Surface-general 1 Undassif	23PO370	01-1	Surface - general	**	Waubesa	Knife, bifacial	whole	Woodland	Knife
1-12 Surface-general 1 Stone Corner Notched var. Kaife, bifacial proxinal Archaic, Late 1-13 Surface-general 1 Stone Corner Notched Biface, stemmed proxinal Archaic, Late 1-14 Surface-general 1 White River Dart point sem Archaic, Late 1-15 Surface-general 1 Table Rock Simmed Dart point sem Archaic, Late 1-16 Surface-general 1 Table Rock Simmed Dart point sem Archaic, Late 1-17 Surface-general 1 Table Rock Simmed Dart point whole Archaic, Late 1-18 Surface-general 1 Kings Corner Notched Riafe, bifacial whole Archaic, Late Woodland 1-20 Surface-general 1 Kings Corner Notched Riafe, bifacial whole Archaic, Late Woodland 1-23 Surface-general 1 Undescrifed Kaife, bifacial whole Archaic, Late Woodland 1-24 Sur	23PO370	11-1	Surface - general	-	Unclassified	Kaife, bifacial	wboke	Woodland?	Knife (for wood)
1-13 Surface general 1 Stone Corner Notched Biface, stemmed proximal Archaic, Late 1-14 Surface general 1 White River But point stem Archaic, Late 1-15 Surface general 1 Table Rock Stemmed Dart point stem Archaic, Late 1-16 Surface general 1 Table Rock Stemmed Dart point stem Archaic, Late 1-17 Surface general 1 Table Rock variant Kalfe, blincial whole Archaic, Late 1-18 Surface general 1 Table Rock variant Kalfe, blincial whole Archaic, Late Woodland 1-18 Surface general 1 Kinge Corner Notched Ride, blincial whole Archaic, Late - Woodland 1-20 Surface general 1 Kinge Corner Notched Bitace, stemmed stem Archaic, Late - Woodland 1-21 Surface general 1 Kinge Corner Notched Ride, blincial whole Archaic, Late - Woodland 1-22 Surface general<	23PO370	1-12	Surface - general		Stone Corner Notched var.	Kaife, bifacial	proximal	Archaic, Late	Kaffe
1-14 Surface general I Vobie River Dert point stern 1-15 Surface general I Smith variant Kalfe, biffacial proximal Archaic, Late 1-16 Surface general I Smith variant Kalfe, biffacial proximal Archaic, Late 1-17 Surface general I Table Rock variant Kalfe, biffacial whole Archaic, Late 1-18 Surface general I Table Rock variant Kalfe, biffacial whole Archaic, Late Archaic, Late 1-19 Surface general I Kings Corner Notched Kalfe, biffacial whole Archaic, Late - Woodland 1-20 Surface general I Kings Corner Notched Bifface, stemmed stern Archaic, Late - Woodland 1-21 Surface general I Kings Corner Notched Bifface, stemmed stern Archaic, Late - Woodland 1-22 Surface general I Undeseified Kalfe, biffacial whole Archaic, Late - Woodland 1-23 Surface general I Undeseified Kalfe, biffacial whole Archaic, Late - Woodland 1-24 Surface general I Undeseified Kalfe, biffacial whole Archaic, Late - Woodland 1-25 Surface general I Undeseified Kalfe, biffacial whole Archaic, Late - Woodland 1-26 Surface general I Undeseified Kalfe, biffacial whole Archaic, Late - Woodland 1-27 Surface general I Undeseified Kalfe, biffacial whole Archaic, Late - Woodland 1-28 Surface general I Undeseified Kalfe, biffacial whole Wh	2390370	1-13	Surface - general	-	Stone Corner Notched	Biface, stemmed	proximal	Archaic, Late	Unknown
1-15 Surface general 1 White River Durt point stem Archaic, Middle 1-16 Surface general 1 Smith variant Kalfe, bifacial proxinal Archaic, Late 1-17 Surface general 1 Table Rock Stemmed Durt point stem Archaic, Late 1-18 Surface general 1 Table Rock variant Kalfe, bifacial whole Archaic, Late - Woodland 1-19 Surface general 1 Kings Corner Notched Kalfe, bifacial whole Archaic, Late - Woodland 1-20 Surface general 1 Kings Corner Notched Ridfe, bifacial whole Archaic, Late - Woodland 1-21 Surface general 1 Kings Corner Notched Biface, stemmed stem Archaic, Late - Woodland 1-22 Surface general 1 Understified Kalfe, bifacial whole Archaic, Late - Woodland 1-23 Surface general 1 Understified Biface, stemmed proximal Archaic, Late 1-24 Surface general 1 Understified Biface, stemmed proximal Archaic, Late 1-25 Surface general 1 Understified Kalfe, bifacial whole Archaic, Late 1-26 Surface general 1 Understified Kalfe, bifacial whole Archaic, Late 1-27 Surface general 1 Understified Kalfe, bifacial whole Woodland 1-28 Surface general 1 Understified Kalfe, bifacial whole Woodland 1-29 Surface general 1 Understified Kalfe, bifacial whole Woodland 1-29 Surface general 1 Understified Kalfe, bifacial whole Woodland 1-29 Surface general 1 Understified Kalfe, bifacial whole Woodland 1-20 Surface general 1 Understified Kalfe, bifacial whole Woodland 1-20 Surface general 1 Understified Kalfe, bifacial whole Woodland 1-20 Surface general 1 Understified Kalfe, bifacial whole Woodland	23PO370	1-14	Surface - general		Copens-like	Biface, unstemmed	proximal	Woodland	Unknown
1-16Surface-general1Smith variantKalfe, bifacialproximalArchaic, Late1-17Surface-general1Table Rock StemmedDart pointstemArchaic, Late1-18Surface-general1Table Rock variantKalfe, bifacialwholeArchaic, Late-Woodland1-19Surface-general1Kings Corner NorchedKnife, bifacialwholeArchaic, Late-Woodland1-20Surface-general1Kings Corner NorchedBiface, stemmedstemArchaic, Late-Woodland1-21Surface-general1Kings Corner NorchedKnife, bifacialwholeArchaic, Late-Woodland1-22Surface-general1UndexelfiedKnife, bifacialwholeArchaic, Late-Woodland1-23Surface-general1UndexelfiedKnife, bifacialwholeArchaic, Late-Woodland1-24Surface-general1UndexelfiedKnife, bifacialwholeArchaic, Late-Woodland1-25Surface-general1UndexelfiedKnife, bifacialwholeArchaic, Late?1-26Surface-general1UndexelfiedKnife, bifacialwholeArchaic, Late?1-27Surface-general1UndexelfiedKnife, bifacialwholeArchaic, Late?1-28Surface-general1UndexelfiedKnife, bifacialwholeArchaic, Late?1-29Surface-general1UndexelfiedKnife, bifacialwholeArchaic, Late?	23PO370	1-15	Surface - general	-	White River	Durt point	SACIO	Archaic, Middle	Dart point
1-17 Surface general 1 Table Rock Stemmod Dart point stem Archaic, Late 1-18 Surface general 1 Table Rock variant Kalfe, blfacial whole Archaic, Late - Woodland 1-20 Surface general 1 Kings Corner Notched Knife, blfacial whole Archaic, Late - Woodland 1-21 Surface general 1 Kings Corner Notched Biface, stemmed stem Archaic, Late - Woodland 1-22 Surface general 1 Kings Corner Notched Biface, stemmed stem Archaic, Late - Woodland 1-23 Surface general 1 Undexeified Knife, blfacial whole Archaic, Late - Woodland 1-24 Surface general 1 Undexeified Riale, blfacial whole Archaic, Intel 1-25 Surface general 1 Stone Corner Notched var. Knife, blfacial whole Archaic, Late I Undexeified Knife, blfacial whole Archaic, Late Archaic, Late I Undexeified Knife, blfacial whole Archaic, Late I Undexeified Knife, blfacial whole Archaic, Late I Undexeified Knife, blfacial whole Woodland?	23PO370	1-16	Surface - general	-	Smith variant	Knife, bifacial	proximal	Archaic, Late	Kaife
1-18 Surface general 1 Table Rock variant Kaife, bifacial whole Archaic, Late - Woodland 1-20 Surface general 1 Kings Corner Notched Kaife, bifacial whole Archaic, Late - Woodland 1-21 Surface general 1 Kings Corner Notched Biface, stemmed stem Archaic, Late - Woodland 1-22 Surface general 1 Kings Corner Notched? Dart point whole Archaic, Late - Woodland 1-23 Surface general 1 Unclassified Kaife, bifacial whole Archaic, Late - Woodland 1-24 Surface general 1 Unclassified Kaife, bifacial whole Archaic, Late 1-25 Surface general 1 Unclassified Raife, bifacial whole Archaic, Late 1-26 Surface general 1 Stone Corner Notched var. Kaife, bifacial whole Archaic, Late 1-27 Surface general 1 Unclassified Kaife, bifacial whole Archaic, Late 1-28 Surface general 1 Unclassified Kaife, bifacial whole Archaic, Late 1-29 Surface general 1 Unclassified Kaife, bifacial whole Woodland?	23PO370	1-17	Surface - general	-	Table Rock Stemmed	Dart point	625	Archaic, Late	Dert point
1-19 Surface general 1 Kings Corner Notched Knife, blfacial whole Archaic, Late - Woodland 1-20 Surface general 1 Kings Corner Notched Biface, stemmed stem Archaic, Late - Woodland 1-21 Surface general 1 Kings Corner Notched Biface, stemmed stem Archaic, Late - Woodland 1-22 Surface general 1 Unclassified Knife, blfacial whole Archaic, Late - Woodland 1-23 Surface general 1 Unclassified Knife, blfacial whole Archaic, Late - Woodland 1-24 Surface general 1 Unclassified Knife, blfacial whole Archaic, Late 1 1-25 Surface general 1 Stone Corner Notched v.u. Knife, blfacial whole Archaic, Late 1 1-26 Surface general 1 Unclassified Knife, blfacial whole Woodland? 1-27 Surface general 1 Unclassified Knife, blfacial whole Woodland?	23PO370	8 1·1	Surface - general	-	Table Rock variant	Kalfe, bifacial	whole	Archaic, Late	Knife
1.20 Surface general 1 Kings Corner Notched Rfaife, blfacial whole Archaic, Late - Woodland 1.21 Surface general 1 Kings Corner Notched Bface, stemmed stem Archaic, Late - Woodland 1.22 Surface general 1 Kings Corner Notched? Dart point whole Archaic, Late - Woodland 1.24 Surface general 1 Unclassified Kinife, bifacial whole Archaic, Middle-Late 1.25 Surface general 1 Unclassified Biface, stemmed proximal Archaic, Late 1.26 Surface general 1 Stone Corner Notched var. Kinife, bifacial whole Archaic, Late 1.27 Surface general 1 Unclassified Kinife, bifacial whole Archaic, Late 1.28 Surface general 1 Unclassified Kinife, bifacial whole Woodland?	23PO370	1-19	Surface - general	-	Kings Corner Notched	Kaife, bifacial	whole	Archale, Late - Woodland	Knife
1-21 Surface general 1 Kings Corner Notched Biface, stemmed stem Archaic, Late - Woodland 1-22 Surface general 1 Kings Corner Notched? Dart point whole Archaic, Late - Woodland 1-23 Surface general 1 Unclassified Kaife, bifacial whole Archaic, Middle-Late 1-24 Surface general 1 Unclassified Riale, bifacial whole Archaic, Late 1-25 Surface general 1 Stone Corner Notched var. Knife, bifacial whole Archaic, Late 1-26 Surface general 1 Unclassified Knife, bifacial whole Woodland?	23PO370	07-1	Surface - general	_	Kings Corner Notched	Knife, bifacial	whole	Archaic, Late - Woodland	Knife
1-22 Surface general 1 Kings Corner Notched? Dart point whole Archaic, Late - Woodland 1-23 Surface general 1 Unclassified Knife, bifacial whole Archaic, Middle-Late 1-24 Surface general 1 Unclassified Knife, bifacial whole Archaic, Late 1-25 Surface general 1 Unclassified Biface, stemmed proximal Archaic, Late? 1-26 Surface general 1 Stone Corner Notched v.v. Knife, bifacial whole Archaic, Late? 1-27 Surface general 1 Unclassified Knife, bifacial whole Woodland?	23PO370	1-21	Surface - general	~	Kings Corner Notched	Biface, stemmed	stem	Archaic, Late - Woodland	Unknown
1-24 Surface general 1 Unclassified Kaife, bifacial proximal Archaic, Middle-Late 1-24 Surface general 1 Unclassified Kaife, bifacial whole Archaic, Middle-Late 1-25 Surface general 1 Unclassified Biface stemmed proximal Archaic, Late? 1-26 Surface general 1 Stone Corner Nothed var. Knife, bifacial whole Archaic, Late? 1-27 Surface general 1 Unclassified Knife, bifacial proximal Unknown 1-28 Surface general 1 Unclassified Knife/kraper whole Woodland?	23PO370	1-22	Surface - general	•	Kings Corner Notched?	Dart point	whole	Archaic, Late - Woodland	Dart point
1-24 Surface general I Unclassified Kaife, bifacial whole Archaic, Middle-Late 1-25 Surface general I Unclassified Biface, stemmed proximal Archaic, Late? 1-26 Surface general I Stone Corner Norbed var. Knife, bifacial whole Archaic, Late? 1-27 Surface general I Unclassified Knife, bifacial proximal Unknown 1-28 Surface general I Unclassified Knife/kranper whole Woodland?	23PO370	1-23	Surface - general	-	Undersified	Knife, bifacial	proximal	Archaic, Middle-Late	Knife
1-25 Surface general 1 Unclassified Biface, stemmed proximal Archaic, Late? 1-26 Surface general 1 Stone Corner Norched v.a. Knife, bifacial whole Archaic, Late? 1-27 Surface general 1 Unclassified Knife/kranper whole Woodland?	23PO370	75-1	Surface - general	-	Unclassified	Kaife, bifactal	whok	Archaic, Middle-Late	Kaife
1.26 Surface general I Stone Corner Norched v.r. Knife, bifacial whole Archaic, Late? 1.27 Surface general I Unclassified Knife, bifacial proximal Unknown 1.28 Surface general I Unclassified Knife/scraper whole Woodland?	25PO370	27-1	Surface - general	-	Unclassified	Biface, stemmed	proximal	Archaic, Late?	Unknown
1.27 Surface general 1 Unclassified Knife, bifaciał proximal Unknown 1.28 Surface - general 1 Unclassified Knife/scraper whole Woodland?	23PO370	97-1	Surface - general		Stone Corner Notched var.	Knife, bifacial	whole	Archaic, Late?	· Knife
1.28 Surface general 1 Unclassified Knife/kraper whole Woodland?	23PO370	1.27	Surface - persent	_	Unclassified	Knife, bifacial	proximal	Unknown	Knife
	23PO370	1-28	Surface - general	-	Unclassified	Knife/scraper	whole	Woodland?	Scraper

APPENDIX B
Stone tools collected by Howard Wimmer

Sife No.	(F . 70.	Liovellence	ן	lype Name	Artifact Description	Portion	Cultural Affilition	Primary Function
23PO370	1.29	Surface - general	_	Scattorn	Arrow point	whole	Woodland, I ar-Mississipp	Arrow point
23PO370	1-30	Surface - general	-	Scallom	Arrow point	whole	Woodland, Late Mississipp	Arrow point
23PO370	1:31	Surface - general	-	Scattora	Arrow point	whole	Woodland, Late Mississipp	Arrow point
23PO370	1-32	Surface - general	-	Scattom	Arrow point	whole	Woodland, Late-Mississipp	Arrow point
23PO370	1-33	Surface - general	-	Scallon	Arrow point	whole	Wo-dland, Late-Mississipp	Arrow point
23PO370	<u> </u>	Surface - general	~	Scallon	Arrow point	whole	Woodland, Late-Mississipp	Arrow potest
23PO370	1.35	Surface - general	-	Scallon	Arrow point	whole	Woodland, Late-Mississipp	Arrow point
23PO370	9	Surface - general	_	Scallora	Arrow point	whole	Woodland, Late-Mississipp	Arrow point
23PO370	1.37	Surface - general	-	Scallon	Arrow point	whok	Woodland, Late Mississipp	Arrow point
23PO370	8€-1	Surface - general	_	Scallora	Arrow point	whole	Woodland, Late-Mississipp	Arrow point
23PO370	\$:1	Surface - general		Sequoyah	Anow point	whole	Mics issippi	Arrow point
23PO370	0+-1	Surface - general	_	Sequoyat?	Arrow point	whole	Mississippi	Arrow point
23PO370	7	Surface - general	-	Haskeli	Arrow point	whole	Mississippi	Arrow point
23PO370	1-42	Surface - general	-	Fastell	Arrow point	whole	Mississippi	Arrow point
23PO370	1-43	Surface - general		Sallisaw	Arrow point	wbok	Mississippi	Arrow point
23PO370	2 -	Surface - general		Sallisaw	Arrow point	whole	Mississippi	Arrow point
23PO370	27. 1	Surface - general	_	Schild	Arrow point	whole	Woodland, Late	Arrow point
23PO370	1.46	Surface - general	_	Unclassified	Arrow point	whole	Woodland, Late	Arrow polst
23PO370	1.47	Surface - general	7	Unclessified	Arrow point	midection	Woodland, Late-Mississipp	Arrow point
23PO370	1-48	Surface - general	4	Unchassified	Arrow point	цþ	Woodland, Law-Mississipp	Arrow point
23PO370	1-49	Surface - general		Unclassified	Preform	whole	Unknown	Unknown
23PO370	05-1	Surface - general		Unclassified	Preform	whole	Unknown	Unknown
23PO370	1-51	Surface - general	-	Unclassified	Knife, bifacial	wbole	Unknown	Knife
23PO370	1-52	Surface - general		Unclassified	Preform	whole	Unknown	Unknown
23PO370	1-53	Surface - general		Undessified	Drill, bifacial	whole	Woodland?	Perforator
23PO370	1.54	Surface - general		Unclassified	Preform	proximal	Woodland - Mississippi	Arrow point preform
23PO370	1-55	Surface - general	-	Unclassified	Preform	proximal	Woodland, Late-Mississipp	Arrow point preform
23PO370	1·8	Surface - general		Unclassified	Preform	proximal	Woodland, Late-Mississipp	Arrow point preform
23PO370	1.57	Surface - general		Unchessified	Preform	whole	Woodland, Late-Mississipp	Arrow point preform
2350370	F-58	Surface - general	1	Unclassified	Preform	whole	Unknown	Unknown
23PO370	1.60	Surface - general		Unclassified	Preform	whole	Archaic, Late	Hanna point preform
23PC)370	19-1	Surface - general	_	Unclassified	Knife, bifacial	midsection	Archaic, Late?	Knife
23PO370	79-1	Surface - general		Unclassified	Scraper, bifacial side	whole	Woodland	/ Scraper
23PO370	1.63	Surface - general	_	Unclassified	Scraper, flake	N/A	Woodland	Scraper
0710010	<u> </u>	Surface - peneral	_	I Inclassified	Scrange Miscrial side	aride extins	Wacilland	

APPENDIX B

14. Surface general 1 Uncleasified Scraper, blickal side provinal Woodland 12. Surface general 1 Uncleasified Scraper, blickal sed subjet Woodland 13. Surface general 1 Uncleasified Surper, blickal sed subjet Woodland 14. Surface general 1 Uncleasified Surper, blickal sed subjet Woodland 15. Surface general 1 Uncleasified Biffer Mile, blickal whole Archair, Late - Woodland 15. Surface general 1 Uncleasified Friedman mildocction Unknown 15. Surface general 1 Uncleasified Friedman mildocction Unknown 15. Surface general 1 Table Rock Surmond Dari point whole Archair, Late 15. Surface general 1 Table Rock Surmond Dari point whole Archair, Late 15. Surface general 1 Table Rock Surmond Dari point whole Archair, Late 15. Surface general 1 Table Rock Surmond Dari point whole Archair, Late 15. Surface general 1 Table Rock Surmond Dari point whole Archair, Late 15. Surface general 1 Table Rock Surmond Dari point whole Archair, Late 15. Surface general 1 Table Rock Surmond Dari point whole Archair, Late 15. Surface general 1 Table Rock Surmond Dari point whole Archair, Late 15. Surface general 1 Table Rock Surmond Dari point whole Archair, Late 15. Surface general 1 Table Rock Surmond Dari point whole Woodland Late - Woodland 15. Surface general 1 Table Rock Surmond Dari point whole Woodland Late - Woodland 15. Surface general 1 Table Rock Surmond Dari point whole Woodland Late - Woodland 15. Surface general 1 Table Rock Surmond Dari point whole Woodland Late - Woodland 15. Surface general 1 Table Rock Surmond Dari point whole Woodland Late - Woodland 15. Surface general 1 Table Rock Surmond Dari point whole Woodland Late - Woodland 15. Surface general 1 Table Rock Surmond Dari point whole Woodland Late - Woodland 15. Surface general 1 Table Rock Surmond Dari point whole Woodland Late - Woodland 15. Surface general 1 Table Rock Surmond Dari point whole Woodland Late - Woodland 15. Surface general 1 Table Rock Pointed Simple Woodland Dari point Whole Woodland Dari point Whole Beach Surmond Dari point Whole Woodland Dari Da	Site No.	Cat No.	Provenience	ฮ	Type Name	Artifact Description	Portion	Cultural Affilition	Primary Function
1.1 Strice general 1 Cabolai Arrow polic whole Missessippl 1.2 Strice general 1 Unclassified Strape bleaded whole Woodland Undersorm 1 Unclassified Strape bleaded whole Woodland Undersorm 1.1 Strice general 1 Unclassified Ridic bleaded whole Archaic Line Woodland Undersorm 1.1 Strice general 1 Unclassified Ridic bleaded whole Archaic Line Woodland Undersorm 1.1 Strice general 1 Unclassified Preform miskection Undersorm Undersorm 1.1 Strice general 1.2 Unclassified Preform miskection Undersorm Undersorm 1.1 Strice general 1 Table Rock Strimmed Dart point whole Archaic Line Preform Industrice Undersorm Undersorm 1.1 Strice general 1 Table Rock Strimmed Dart point whole Archaic Line Preform Industrice Table Rock Strimmed Dart point whole Archaic Line Lili Strice general 1 Table Rock Strimmed Dart point whole Archaic Line Lili Strice general 1 Table Rock Strimmed Dart point whole Archaic Line Lili Strice general 1 Table Rock Strimmed Dart point whole Archaic Line Lili Strice general 1 Table Rock Strimmed Dart point whole Archaic Line Rock Strimmed Dart point whole Archaic Line Strice general 1 Table Rock Strimmed Dart point whole Archaic Line Rock Strimmed Dart point whole Woodland Line Rock Strime general 1 Line Rock Strime general 1 Line Rock Strime Prevent 1 Line Rock Strime general 1 Line Rock Strime Prevent 1 Line Roc	23PO370	1.65	Surface - general	-	Unclassified	Scraper, bifacial side	proximal	Woodland	Scraper
1.1 Surface general 1 Unclassified Scaper, bliedal ess whole Woodland 1.1 Surface general 1 Unclassified Scaper, bliedal ess whole Unknown 1.2 Surface general 1 Langry Kalle, bliedal whole Archale, Late - Woodland 1.3 Surface general 1 Unclassified Rolle, bliedal proximal Unknown 1.4 Surface general 2 Unclassified Perform midocction Unknown 1.5 Surface general 2 Unclassified Perform midocction Unknown 1.6 Surface general 3 Unclassified Perform midocction Unknown 1.7 Surface general 1 Table Rock Stemmed Dart point whole Archale, Late 1.8 Surface general 1 Table Rock Stemmed Dart point whole Archale, Late 1.9 Surface general 1 Table Rock Stemmed Dart point whole Archale, Late 1.1 Surface general 1 Table Rock Stemmed Dart point whole Archale, Late 1.1 Surface general 1 Table Rock Stemmed Dart point whole Archale, Late 1.1 Surface general 1 Table Rock Stemmed Dart point whole Archale, Late 1.1 Surface general 1 Table Rock Stemmed Dart point whole Archale, Late 1.1 Surface general 1 Table Rock Stemmed Dart point whole Archale, Late 1.1 Surface general 1 Table Rock Stemmed Dart point whole Archale, Late 1.1 Surface general 1 Table Rock Stemmed Dart point whole Archale, Late 1.1 Surface general 1 Table Rock Stemmed Dart point whole Archale, Late 1.1 Surface general 1 Table Rock Stemmed Dart point whole Archale, Late 1.1 Surface general 1 Table Rock Stemmed Dart point whole Archale, Late 1.1 Surface general 1 Table Rock Stemmed Dart point whole Woodnack Late Woodnack 1.2 Surface general 1 Table Rock Pointed Stem 1.2 Surface general 1 Table Rock Pointed Stem 1.3 Surface general 1 Table Rock Pointed Stem 1.4 Surface general 1 Table Rock Pointed Stem 1.5 Surface general 1 Table Rock Pointed Stem 1.6 Surface general 1 Table Rock Pointed Stem 1.7 Surface general 1 Table Rock Pointed Stem 1.8 Surface general 1 Table Rock Pointed Stem 1.9 Surfac	23PO371	1:1	Surface - general		Cahokia	Arrow poin:	whole	Mississippl	Arrow point
13 Surface general 1 Uncheeffied Biface micheccion (Unknown 1.1) 14 Surface general 1 Langary Kalfe, Michael whole Archaic Late -Woodland 15 Surface general 1 Uncheeffied Kalfe, Michael whole Archaic Late -Woodland 14 Surface general 1 Uncheeffied Raffe, Michael proximal Unknown 15 Surface general 26 Uncheeffied Priform micheccion Unknown 16 Surface general 1 Uncheeffied Raffe, Michael micheccion Unknown 17 Surface general 1 Tube Rock strained Dat point whole Archaic Late 18 Surface general 1 Tube Rock Stemmed Dat point whole Archaic Late 19 Surface general 1 Tube Rock Stemmed Dat point whole Archaic Late 19 Surface general 1 Tube Rock Stemmed Dat point whole Archaic Late 11 Surface general 1 Tube Rock Stemmed Dat point whole Archaic Late 11 Surface general 1 Tube Rock Stemmed Dat point whole Archaic Late 11 Surface general 1 Tube Rock Stemmed Dat point whole Archaic Late 11 Surface general 1 Tube Rock Stemmed Dat point whole Archaic Late 11 Surface general 1 Tube Rock Stemmed Dat point whole Archaic Late 12 Surface general 1 Tube Rock Stemmed Dat point whole Archaic Late 13 Surface general 1 Tube Rock Stemmed Dat point whole Archaic Late 14 Surface general 1 Tube Rock Stemmed Dat point whole Archaic Late 15 Surface general 1 Tube Rock Stemmed Dat point whole Archaic Late 15 Surface general 1 Tube Rock Pointed Stem Raffe, Michael whole Archaic Late 15 Surface general 1 Tube Rock Pointed Stem Raffe, Michael whole Archaic Late 15 Surface general 1 Tube Rock Pointed Stem Raffe, Michael whole Archaic Late 15 Surface general 1 Ringe Corner Nordael Raffe, Michael whole Archaic Late 15 Surface general 1 Ringe Corner Nordael Raffe, Michael whole	23PO371	1-2	Surface - general	-	Unclassified	Scriper, bifacial end	whole	Woodland	Scraper
1.1 Surface general 1 Langry Kalfe, blickal whole Archalic, Late, Woodland 1.3 Surface general 1 Langry Kalfe, blickal product Unknown 1.4 Surface general 3 Unclassified Perform mideocion Unknown 1.2 Surface general 3 Unclassified Perform mideocion Unknown 1.4 Surface general 6 Unclassified Ralfe, blickal mideocion Unknown 1.9 Surface general 1 Table Rock Stemmed Dart point whole Archaic, Late 1.10 Surface general 1 Table Rock Stemmed Dart point whole Archaic, Late 1.11 Surface general 1 Table Rock Stemmed Dart point whole Archaic, Late 1.13 Surface general 1 Table Rock Stemmed Dart point stem Archaic, Late 1.14 Surface general 1 Table Rock Stemmed Dart point whole Archa	23PO371	1:3	Surface - general	ĸ	Unclassified	Biface	midsection	Unknown	Usknown
1.2 Surface general 1 Langtry Külfe, bikekal whole Archaic, Late Woodland 1.4 Surface general 1 Undeseifed Perform midoccion Unknown 1.1.1 Surface general 2 Undeseifed Perform midoccion Unknown 1.1.2 Surface general 3 Undeseifed Refix bits and midoccion Unknown 1.1.2 Surface general 1 Tubble Rock starmed Religh, bificial whole Archaic, Late 1.1.1 Surface general 1 Tubble Rock Stemmed Dart point whole Archaic, Late 1.1.1 Surface general 1 Tubble Rock Stemmed Dart point whole Archaic, Late 1.1.2 Surface general 1 Tubble Rock Stemmed Dart point whole Archaic, Late 1.1.3 Surface general 1 Tubble Rock Stemmed Dart point whole Archaic, Late 1.1.4 Surface general 1 Tubble Rock Stemmed Dart point whole	23PO372	1-1	Surface - general	=	Langthy	Knife, bifacial	whole	Archaic, Late - Woodland	Kaife
1.3 Surface greent 1 Uncleasified Rulic, blicabil proton Listocor 1.1.4 Surface greent 2 Uncleasified Perform mideocino Usbacon 1.1.2 Surface greent 1.5 Uncleasified Perform mideocino Usbacon 1.1.2 Surface greent 1.5 Uncleasified Rulic, blicabil whole Archaic, Late 1.1.9 Surface greent 1 Table Rock Stemmed Dart point whole Archaic, Late 1.1.1 Surface greent 1 Table Rock Stemmed Dart point sem Archaic, Late 1.1.1 Surface greent 1 Table Rock Stemmed Dart point sem Archaic, Late 1.1.1 Surface greent 1 Table Rock Stemmed Dart point sem Archaic, Late 1.1.1 Surface greent 1 Table Rock Stemmed Dart point whole Archaic, Late 1.1.2 Surface greent 1 Table Rock Stemmed Dart point whole	23PO372	1.2	Surface - general		Langtry	Kalfe, bifacial	whole	Archaic, Late - Woodland	Knife
1.4 Surface green 3 Undeselfed Perform mideocion Usbrown 1.1.1 Surface green 1.5 Undaselfed Perform mideocion Usbrown 1.1.6 Surface green 1. Table Rock surient Kalfe, blicali whole Archafe, Lac? 1.1.0 Surface green 1. Table Rock Semmed Dart point whole Archafe, Lac? 1.1.1 Surface green 1. Table Rock Semmed Dart point whole Archafe, Lac? 1.1.1 Surface green 1. Table Rock Semmed Dart point whole Archafe, Lac 1.1.1 Surface green 1. Table Rock Semmed Dart point whole Archafe, Lac 1.1.4 Surface green 1. Table Rock Semmed Dart point whole Archafe, Lac 1.1.5 Surface green 1. Table Rock Semmed Dart point whole Archafe, Lac 1.1.6 Surface green 1. Table Rock Semmed Dart point whole <t< td=""><td>23PO372</td><td>1.3</td><th>Surface - general</th><td>-</td><td>Unchessified</td><td>Kaife, bifacial</td><td>proximal</td><td>Unknown</td><td>Kaife</td></t<>	23PO372	1.3	Surface - general	-	Unchessified	Kaife, bifacial	proximal	Unknown	Kaife
1.11 Surface-general 26 Undeswifted Perform misbaccion Unknown 1.12 Surface-general 15 Undeswifted Rille, bifferial misbaccion Unknown 1.19 Surface-general 1 Table Rock Stemmed Dart point whole Archaic, Lae? 1.10 Surface-general 1 Table Rock Stemmed Dart point whole Archaic, Lae? 1.11 Surface-general 1 Table Rock Stemmed Dart point whole Archaic, Lae 1.13 Surface-general 1 Table Rock Stemmed Dart point whole Archaic, Lae 1.14 Surface-general 1 Table Rock Stemmed Dart point whole Archaic, Lae 1.14 Surface-general 1 Table Rock Stemmed Dart point whole Archaic, Lae 1.14 Surface-general 1 Table Rock Stemmed Dart point whole Archaic, Lae 1.15 Surface-general 1 Table Rock Stemmed Dart point Ar	23FO372	7.	Surface - general	m	Unclassified	Preform	midsection	Unknown	Unknown
1-2 Surface-general 15 Undessified Biface mideocino Unknown	23PO373	1:1	Surface - general	97	Unclassified	Preform	midsection	Unknown	Unknown
1-6 Surface-general 1 Table Rock variant Kaife, bifacial whole Archaic, Late	2380373	1.2	Surface - general	15	Unclassified	Biface	midrection	Unknown	Unknown
1-9 Surface general 1 Table Rock variant Kaife, blacial whole Archaic, Late	23PO373	9-1	Surface - general	ø	Undersified	Knife, bifacial	midsection	Unknown	Knife
1-10 Surface general 1 Table Roct Stemmed Dart point whole Archaic, Late	23PO373	6-1	Surface - general	-	Table Rock variant	Knife, bifacial	whole	Archaic, Late?	Knife
1-11 Surface green! 1 Table Rock Semmed Dart point whole Architic, Late 1-12 Surface green! 1 Table Rock Semmed Dart point stem Architic, Late 1-14 Surface green! 1 Table Rock Semmed Dart point stem Architic, Late 1-15 Surface green! 1 Table Rock Semmed Dart point whole Architic, Late 1-16 Surface green! 1 Table Rock Semmed Dart point whole Architic, Late 1-17 Surface green! 1 Table Rock Semmed Dart point whole Architic, Late 1-18 Surface green! 1 Underselfed Arrow point whole Architic, Late 1-19 Surface green! 1 Underselfed Arrow point whole Woodland, Late Woodland 1-20 Surface green! 1 Table Rock Pointed Stem Dart point whole Archaic, Late - Woodland 1-21 Surface green! 1 Table Rock Pointed Stem Dart point whole Archaic, Late - Woodland 1-22 Surface green! 1 Langity or Gary Kalfe-karpet whole Archaic, Late - Woodland 1-23 Surface green! 1 Underselfed Bilde, stemmed Problem Green Whole Unknown	23PO373	1.10		-	Table Rock Stemmed	Dart point	whok	Archaic, Late	Dart point
1.12 Surface general 1 Table Rock Stemmed Dart point stem Archaic, Late 1.13 Surface general 1 Table Rock Stemmed Dart point stem Archaic, Late 1.14 Surface general 1 Table Rock Stemmed Mart point whole Archaic, Late 1.15 Surface general 1 Table Rock Stemmed Dart point whole Archaic, Late 1.16 Surface general 1 Table Rock Stemmed Dart point whole Archaic, Late 1.19 Surface general 1 Undessified Army point whole Woodland, Late 1.20 Surface general 1 Undessified Kaife, bificial whole Woodland, Late 1.21 Surface general 1 Undessified Kaife/sorg whole Archaic, Late 1.22 Surface general 1 Undessified Drill, bifiedal whole Archaic, Late Woodland, Late 1.23 Surface general 1 Undessified Drill,	23PO373	11-11	Surface - general	_	Table Rock Stemmed	Dart point	whole	Archaic, Late	Dart point
1.13 Surface general 1 Table Rock Stemmed Dart point stem Archaic, Late 1.14 Surface general 1 Table Rock Stemmed Entropiat stem Archaic, Late 1.15 Surface general 1 Table Rock Stemmed Entropiat whole Archaic, Late 1.16 Surface general 1 Table Rock Stemmed Entropiat whole Archaic, Late 1.17 Surface general 1 Undeswifted Arrow point whole Woodland, Late 1.20 Surface general 1 Undeswifted Arrow point whole Woodland, Late 1.21 Surface general 1 Table Rock Pointed Stem Natif. blicial whole Archaic, Late 1.22 Surface general 1 Lindewifted Stem Natif. blicial whole Archaic, Late Woodland, Late Woodland 1.23 Surface general 1 Undeswifted Drill, blicial whole Archaic, Late Woodland, Late Woodland 1.24 Surface general	23PO373	1-12	•	-	Table Rock Stemmed	Dart point	Stem	Archaic, Late	D.r. point?
1.14 Swrface-geneni I Table Rock Stemmed Dart point sem Archaic, Late 1.15 Surface-geneni I Table Rock Stemmed Knife, blicatil whole Archaic, Late 1.17 Surface-geneni I Table Rock Stemmed Dart point whole Archaic, Late 1.18 Surface-geneni I Underseifed Knife, blicatil whole Archaic, Late 1.20 Surface-geneni I Table Rock Pointed Stem Knife, blicatil whole Mreasispp 1.21 Surface-geneni I Table Rock Pointed Stem Dart point whole Mreasispp 1.22 Surface-geneni I Table Rock Pointed Stem Knife, blicatil whole Archaic, Late-Woodland 1.23 Surface-geneni I Langtry or Gary Knife, blicatil whole Archaic, Late-Woodland 1.24 Surface-geneni I Langtry or Gary Knife, blicatil whole Archaic, Late-Woodland 1.25 Surface-geneni I Kings Corner Notched Riface, stemmed stem Unknown 1.26 Surface-geneni	23PO373	1.13	Surface - general	-	Table Rock Stemmed	Dart point	stem	Archaic, Late	Dart point?
1-15 Surface general 1 Table Rock Stemmed Dart point whole Archaic, Late 1-16 Surface general 1 Table Rock Stemmed Dart point whole Archaic, Late Archaic, Late 1-17 Surface general 1 Smith Knife, bifacial whole Archaic, Late	23PO373	1.14	Surface - general	-	Table Rock Stemmed	Dart point	E 35	Archaic, Late	Dart point?
1:16 Surface general 1 Table Rock Stemmed Durt point whole Archaic Late 1:17 Surface general 1 Smith Knife, bifacial whole Archaic, Late 1:18 Surface general 1 Undexsified Arrow point whole Woodland, Late 1:19 Surface general 1 Undexsified Arrow point whole Woodland, Late 1:20 Surface general 1 Table Rock Pointed Stem Durt point whole Woodland, Late-Mississipp 1:21 Surface general 1 Table Rock Pointed Stem Durt point whole Archaic, Late-Woodland 1:22 Surface general 1 Langivy or Gary Knife, bifacial whole Archaic, Late-Woodland 1:23 Surface general 1 Undexsified Drill, bifacial distal Undrown 1:24 Surface general 1 Kings Corner Notched Biface, stemmed set manal Undrown 1:25 Surface general 1 Undexsified Biface, stemmed whole Unknown 1:26 Surface general 1 Undexsified Biface, stemmed whole Unknown 1:27 Surface general 1 Undexsified Biface, stemmed whole Unknown 1:28 Surface general 1 Undexsified Preform whole Unknown 1:39 Surface general 1 Undexsified Preform whole Unknown 1:30 Surface general 1 Undexsified Preform whole Unknown 1:31 Surface general 1 Undexsified Preform whole Unknown 1:32 Surface general 1 Undexsified Preform whole Unknown 1:33 Surface general 1 Undexsified Preform whole Unknown 1:34 Surface general 1 Undexsified Preform whole Unknown 1:35 Surface general 1 Undexsified Preform whole Unknown 1:36 Surface general 1 Undexsified Preform whole Unknown 1:37 Surface general 1 Undexsified Preform whole Unknown	23PO373	1-13	Surface - general		Table Rock Stemmed	Kalfe, bifacial	whole	Archaic, Late	Knife
1-17 Surface general 1 Smith Kaife blincial whole Archaig, Late 1-18 Surface general 1 Smith Kaife blincial basal Archaig, Late 1-19 Surface general 1 Uncleasified Arrow point whole Woodland, Late 1-20 Surface general 1 Inhe Rock Pointed Stem Dark point whole Woodland, Late-Mississipp 1-21 Surface general 1 Inhe Rock Pointed Stem Dark point whole Archaig, Late - Woodland, Late-Mississipp 1-22 Surface general 1 Langtry or Gary Kaife/Scaper whole Archaig, Late - Woodland 1-23 Surface general 1 Langtry or Gary Kaife/Scaper whole Archaig, Late - Woodland 1-24 Surface general 1 Uncleasified Drill, bifacial proximal Unknown 1-25 Surface general 1 Uncleasified Biface, stemmed stem Archaig, Late - Woodland 1-26 Surface general 1 Uncleasified Biface, stemmed whole Unknown 1-27 Surface general 1 Uncleasified Preform whole Unknown 1-28 Surface general 1 Uncleasified Preform whole Unknown 1-29 Surface general 1 Uncleasified Preform whole Unknown 1-29 Surface general 1 Uncleasified Preform whole Unknown 1-20 Surface general 1 Uncleasified Preform whole Unknown 1-20 Surface general 1 Uncleasified Preform whole Unknown 1-21 Surface general 1 Uncleasified Preform whole Unknown 1-22 Surface general 1 Uncleasified Preform whole Unknown 1-23 Surface general 1 Uncleasified Preform whole Unknown 1-24 Surface general 1 Uncleasified Preform whole Unknown 1-25 Surface general 1 Uncleasified Preform whole Unknown 1-26 Surface general 1 Uncleasified Preform whole Unknown	23PO373	1-16		-	Table Rock Stemmed	Dart point	whole	Archaic, Late	Dart point
1-18 Surface general 1 Unclassified Arrow point whole Woodland, Late 1-20 Surface general 1 Unclassified Arrow point whole Woodland, Late-Mississippi 1-21 Surface general 1 Table Rock Pointed Stem Dart point whole Woodland, Late-Mississippi 1-22 Surface general 1 Kinge Corner Notched Kaife, bifacial whole Archaic, Late - Woodland 1-23 Surface general 1 Langtry or Gary Kaife-konger whole Archaic, Late - Woodland 1-24 Surface general 1 Unclassified Drill, bifacial proximal Unknown 1-25 Surface general 1 Unclassified Biface, stemmed stem Archaic, Late - Woodland 1-26 Surface general 1 Unclassified Biface, stemmed whole Unknown 1-27 Surface general 1 Unclassified Biface, stemmed whole Unknown 1-28 Surface general 1 Unclassified Biface, stemmed whole Unknown 1-29 Surface general 1 Unclassified Preform whole Unknown 1-29 Surface general 1 Unclassified Preform whole Unknown 1-29 Surface general 1 Unclassified Preform whole Unknown 1-20 Unclassified Preform whole Unknown 1-21 Unclassified Preform whole Unknown 1-22 Surface general 1 Unclassified Preform whole Unknown	23PO373	1-17	Surface - general	-	Smith	Kaife, bifacial	wbole	Archaic, Late	Knife
1-19 Surface general I Unclassified Arrow point whole Woodland, Late 1-20 Surface general I Table Rock Pointed Stem Dart point whole Woodland, Late-Mississipp 1-21 Surface general I Table Rock Pointed Stem Dart point whole Woodland, Late-Mississipp 1-22 Surface general I Langury or Gary Kaife, bifacial whole Archaic, Late - Woodland 1-24 Surface general I Langury or Gary Kaife/scaper whole Archaic, Late - Woodland 1-25 Surface general I Unclassified Drill, bifacial proximal Unknown 1-26 Surface general I Kings Corner Notched Riface, stemmed seem Archaic, Late - Woodland 1-27 Surface general I Unclassified Biface, stemmed proximal Unknown 1-28 Surface general I Unclassified Riface, stemmed Whole Unknown 1-29 Surface general I Unclassified Preform whole Unknown	23PO373	81-1	Surface - general	_	Smith	Knife, bifacial	besal	Archaic, Late	Knife?
1-20 Surface general 1 Table Rock Pointed Stem Dart point whole Woodland Late-Mississipp E 1-21 Surface general 1 Table Rock Pointed Stem Dart point whole Woodland Late-Mississipp E 1-22 Surface general 1 Kings Corner Notched Knife, blincial whole Archaic, Late - Woodland 1-23 Surface general 1 Undessified Drill, blincial distal Unknown Unknown 1-24 Surface general 1 Undessified Drill, blincial distal Unknown Archaic, Late - Woodland Unknown 1-27 Surface general 1 Undessified Bilace, stemmed proximal Unknown Woodland, Middle 1-28 Surface general 1 Undessified Riface, stemmed whole Unknown 1-29 Surface general 1 Undessified Preform whole Unknown 1-29 Surface general 1 Undessified Preform whole Unknown 1-20 Surface general 1 Undessified Preform whole Unknown Unknown	23PO373	61-1	Surface - general	_	Unchassified	Arrow point	whole	Woodland, Late	Arrow point
1-21 Surface general I Table Rock Pointed Stem Dart point whole Woodland, Late-Mississipp E 1-22 Surface general I Kings Corner Notched Kaife, bifacial whole Archaic, Late - Woodland 1-23 Surface general I Langty or Gary Kaife/scaper whole Archaic, Late - Woodland 1-24 Surface general I Unclassified Drill, bifacial distal Unknown Unknown 1-25 Surface general I Kings Corner Notched Biface, stemmed stem Archaic, Late - Woodland 1-27 Surface general I Unclassified Biface, stemmed proximal Unknown Unknown 1-28 Surface general I Unclassified Projectile point/knife whole Unknown 1-29 Surface general I Unclassified Preform whole Unknown 1-29 Surface general I Unclassified Preform whole Unknown 1-20 Surface general I Unclassified Preform whole Unknown 1-21 Unclassified Preform whole Unknown 1-22 Surface general I Unclassified Preform whole Unknown 1-23 Surface general I Unclassified Preform whole Unknown 1-24 Unclassified Preform whole Unknown 1-25 Surface general I Unclassified Preform whole Unknown 1-25 Surface general II Unclassified Preform Whole III Unclassified Preform Whole III Unclassified Preform Whole III III III III II III II III III II I	23PO373	1.20	Surface - general	-	Unchessified	Kaife, bifacial	whole	Mississippi	Knife
1.22 Surface general 1 Kings Corner Notched Kaife, bifacial whole Archaic, Late - Woodland 1.24 Surface general 1 Langity or Gary Kaife-Kozaper whole Archaic, Late - Woodland 1.25 Surface general 1 Unclassified Drill, bifacial proximal Unknown 1.27 Surface general 1 Unclassified Biface, stemmed stem Archaic, Late - Woodland 1.28 Surface general 1 Unclassified Biface, stemmed proximal Unknown 1.29 Surface general 1 Unclassified Riface, stemmed whole Unknown 1.29 Surface general 1 Unclassified Preform whole Unknown 1.30 Surface general 1 Unclassified Preform whole Unknown 1.31 Surface general 1 Unclassified Preform whole Unknown 1.32 Surface general 1 Unclassified Preform whole Unknown 1.33 Surface general 1 Unclassified Preform whole Unknown 1.34 Surface general 1 Unclassified Preform whole Unknown 1.35 Surface general 1 Unclassified Preform whole Unknown 1.36 Surface general 1 Unclassified Preform whole Unknown 1.37 Surface general 1 Unclassified Preform whole Unknown 1.38 Surface general 1 Unclassified Preform whole Unknown 1.39 Surface general 1 Unclassified Preform whole Unknown 1.30 Surface general 1 Unclassified Preform whole Unknown 1.31 Surface general 1 Unclassified Preform whole Unknown	23PO373	1-21	Surface - general	_	Table Rock Pointed Stem	Dart point	whole	Woodland, Late-Mississipp	Dart point
1-24 Surface general 1 Langtry or Gary Kaife/scaper whole Archaic, Late - Woodland 1-24 Surface general 1 Unclassified Drill, bifacial proximal Unknown 1-25 Surface general 1 Unclassified Britac, stemmed stem Archaic, Eate - Woodland 1-26 Surface general 1 Unclassified Britac, stemmed proximal Unknown 1-27 Surface general 1 Unclassified Britac, stemmed whole Unknown 1-28 Surface general 1 Unclassified Preform whole Unknown 1-30 Surface general 1 Unclassified Preform whole Unknown 1-31 Surface general 1 Unclassified Preform whole Unknown 1-32 Unknown 1-33 Surface general 1 Unclassified Preform whole Unknown 1-34 Surface general 1 Unclassified Preform whole Unknown 1-35 Unknown 1-36 Unknown 1-37 Surface general 1 Unclassified Preform whole Unknown 1-38 Unknown 1-39 Unknown 1-30 Surface general 1 Unclassified Preform whole Unknown 1-30 Surface general 1 Unclassified Preform whole Unknown 1-30 Surface general 1 Unclassified Preform whole Unknown	23PO373	1-22	Surface - general	_	Kings Corner Notched	Knife, bifacial	wbole	Archaic, Late - Woodland	Knife
1-24 Surface general I Unclassified Drill, bifacial proximal Unknown 1-25 Surface general I Unclassified Drill, bifacial distal Unknown 1-26 Surface general I Kings Corner Notched Riface, stemmed stem Archaic, Eate - Woodland 1-27 Surface general I Crand Projectile point/knife whole Unknown 1-28 Surface general I Unclassified Riface, stemmed whole Unknown 1-29 Surface general I Unclassified Preform whole Unknown 1-30 Surface general I Unclassified Preform whole Unknown 1-31 Surface general I Unclassified Preform whole Unknown 1-32 Unknown 1-33 Surface general I Unclassified Preform whole Unknown 1-34 Surface general I Unclassified Preform whole Unknown 1-35 Unknown 1-37 Surface general I Unclassified Preform whole Unknown 1-38 Unknown 1-39 Surface general I Unclassified Preform whole Unknown	23PO373	1.23	Surface - general	-	Langtry or Gary	Kaife/scraper	whole	Archaic, Late - Woodland	Knife
1.25 Surface general 1 Unclassified Drill bifacial distal Unknown 1.26 Surface general 1 Kings Corner Notched Biface, stemmed stem Archaic, f.ate - Woodland 1.27 Surface general 1 Unclassified Biface, stemmed whole Unknown 1.28 Surface general 1 Unclassified Riface, stemmed whole Unknown 1.30 Surface general 1 Unclassified Preform whole Unknown 1.31 Surface general 1 Unclassified Preform whole Unknown 1.32 Surface general 1 Unclassified Preform whole Unknown 1.33 Surface general 1 Unclassified Preform whole Unknown 1.34 Surface general 1 Unclassified Preform whole Unknown 1.35 Surface general 1 Unclassified Preform whole Unknown 1.37 Surface general 1 Unclassified Preform whole Unknown 1.38 Surface general 1 Unclassified Preform Whole Unknown 1.39 Surface general 1 Unclassified Preform Whole Unknown 1.30 Surface general 1 Unclassified Preform Preform Whole Unknown 1.30 Surface general 1 Unclassified Preform Preform Whole Unknown 1.30 Surface general 1 Unclassified Preform Preform Whole Unknown 1.30 Surface general 1 Unclassified Preform	2380373	1.2		-	Unclassified	Drill, Madal	proximal	Unknown	Perforator
1.26 Surface general I Kings Corner Notched Riface, stemmed stem Archaic, Late - Woodland 1.27 Surface general I Unclassified Bilace, stemmed proximal Unknown 1.28 Surface general I Unclassified Riface, stemmed whole Unknown 1.29 Surface general I Unclassified Preform whole Unknown 1.30 Surface general I Unclassified Preform whole Unknown 1.31 Surface general I Unclassified Preform whole Unknown 1.32 Surface general I Unclassified Preform whole Unknown 1.33 Surface general I Unclassified Preform whole Unknown 1.34 Surface general I Unclassified Preform whole Unknown 1.35 Surface general I Unclassified Preform whole Unknown	23PO373	1.23	Surface - general	_	Unclassified	Drill, bifacial	distal	Unknown	Perforator
1-27 Surface general 1 Unclassified Biface, stemmed proximal Unknown 1-28 Surface general 1 Crand Projectile point/knife whole Woodland, Middle 1-29 Surface general 1 Unclassified Biface, stemmed whole Unknown 1-30 Surface general 1 Unclassified Preform whole Unknown 1-31 Surface general 1 Unclassified Preform whole Unknown 1-32 Surface general 1 Unclassified Preform whole Unknown 1-33 Surface general 1 Unclassified Preform whole Unknown 1-34 Surface general 1 Unclassified Preform whole Unknown	23PO373	1.26	Surface - general	_	Kings Corner Notched	Biface, stemmed	Stem	Archaic, Late - Woodland	Untrown
1.29 Surface general 1 Grand Projectile point/knife whole Woodland, Middle 1.29 Surface general 1 Unclassified Riface, stemmed whole Unknown 1.30 Surface general 1 Unclassified Preform whole Unknown 1.31 Surface general 1 Unclassified Preform whole Unknown 1.17 Surface general 1 Unclassified Preform whole Unknown 1.17 Surface general 1 Unclassified Preform whole Unknown	23PO373	1.27	Surface - general		Unclassified	Biface, stemmed	proximal	Unknown	Unknown
1.29 Surface general 1 Unclassified Riface, stemmed whole Unknown 1.30 Surface general 1 Unclassified Preform whole Unknown 1.31 Surface general 1 Unclassified Preform whole Unknown 1.17 Surface general 1 Unclassified Preform whole Unknown 1.17 Surface general 1 Unclassified Preform whole Unknown	23PO373	1.28	Surface - general		Grand	Projectile point/knife	whole	Woodland, Middle	Knife
1.30 Surface general 1 Unclassified Preform whole Unknown 1.31 Surface general 1 Unclassified Preform whole Unknown 1.32 Surface general 1 Unclassified Preform whole Unknown	23PO373	1.20	Surface - general	_	Unclassified	Biface, stemmed	whole	Unknown	Unknown
1.31 Surface general 1 Unclassified Preform whole Unknown 1.12 Surface several 1 Unclassified Preform whole Unknown	23PO373	1.30	Surface - general	-	Unclassified	Preform	wbole	Unknown	· Unknown
1.17 Surface seneral I (Inclassified Preferm whole Unknown	23PO373	1.31	Surface - general	-	Unclassified	Preform	whole	Unknown	Unknown
TOTAL STREET	23PO373	1.32	Surface - proeral	-	Unclassified	Preform	whole	Unknows	Unknown

APPENDIX B
Stone tools collected by Howard Wimmer

	2		6	Ture Name	Artifact Description	Portion	Cultural Affilition	Primary Function
Sile ro	CAL NO.	r rowelled	ار	2017; 217;	Desform	300	Woodland - Mississippl	Arrow point preform
23PO373	1-33	Surface - general	-	Util Zest led	נייסותי		A Land of the Control	racetal l
23PO373	<u> </u>	Surface - general	_	Unchassified	Preform	proximal	Archaic, Later	
7100173	1.15	Surface - general	-	Unclassified	Biface, stemmed	proximal	Archaic, Late	Cathorn
2750362	3	Surface - meneral		Undessified	Knife, Miscial	wbole	Unknown	Knife
2350352	27.7	Surface - peneral		Undarrifled	Scraper, bifacial side/end	whole	Woodland	Scriper
2380323	37		7	Undersified	Biface, stemmed	proximal	Unknown	Unknown
2350373	96.1	Surface - meneral	-	Copena	Bilace, stemmed	proximal	Woodland	Unknown
2380373	9		_	Rice Side Notched	Knife, bifacial	wbok	Woodland, Late	Kaife
2100173	37		_	(Tochassified	Biface, unstemmed	whole	(Jaknown	Unknown
2360373	9			Unclessified	Preform	proximal	Unknown	Unknown
1100171	7			Unclassified	Knife, bifacial	whole	(Jaknowa	Knife
2360362	3			Copen	Knife, bifacial	proximal	Woodland	Kaife
6/6/367	¥ ¥			Copen	Biface, stemmed	whole	Woodland	Unknown
2350353	3	Surface - peneral		Unchessified	Scraper, unifacial side	proximal	Woodland	Scraper
2160303	<u> </u>	Surface - seperal	-	Unclassified	Knife, bifacial	dista!	Unknown	Knife
2380373	. 1. 84.	Surface - Beneral	_	Unclassified	Preform	proximal	Unknown	Unknown
2350323	07:1	Surface - peneral	_	Unclassified	Preform	whole	Unknown	Unknown
2350373	\$ \$	Surface - reneral	_	Unclassified	Preform	wbok	Woodland - Mississippi	Arrow point preform
2350373	15-1	Surface - general		Unclassified	Biface, stemmed	proximal	Unknown	Unknown
2300173	25.1	Surface - seneral		Unclassified	Biface, stemmed	proximal	Archaic, Late?	Unknown
2350323	15.1	Surface - peneral		Scattora	Arrow point	whole	Woodland, Late-Mississipp	Arrow point
2380373	35-1	Surface - general	-	Scallora	Arrow point	whole	Woodland, Late-Mississipp	Arrow point
2380373	\$5.1	Surface - peneral	_	Scattors	Arrow point	whole	Woodland, Late-Mississipp	Arrow point
2350373	9	Surface - seneral	_	Scallora	Arrow point	whole	Woodland, Late-Mississipp	Arrow point
2160373	1.57	Surface - seneral	-	Scallora	Arrow point	whole	Woodland, Late-Mississipp	Arrow point
2350373	\$5-1	Surface - general	_	Scallora	Arrow point	whole	Woodland, Late-Mississipp	Arrow point
2350373	1-59	Surface - general	1	Scallors variant	Arrow point	wbole	Woodland, Late-Mississipp	Arrow point
23PO373	99-	Surface - general	-	Scallora	Arrow point	whole	Woodland, Late-Mississipp	Arrow point
2350373	19-1	Surface - general	_	Scallorn	Arrow point	whole	Woodland, Late Mississipp	Arow point
23PO373	1-62	Surface - general	_	Alba?	Arrow point	whole	Mississippi (Caddoan?)	Arrow point
2350373	1.63	Surface - general	-	Unclassified	Arrow point	whole	Woodland, Late-Mississipp	Arrow point
2100173	3	Surface - seperal	_	Unclassified	Arrow point	whole	Woodland, Late-Mississipp	Arrow point
2350373	1-65	Surface - general	_	Scattorn?	Arrow point	Stens	Woodland, Late-Mississipp	Arrow point
2380373	8	Surface - general	7	Unclassified	Arrow point	midsection	Woodland, Late-Mississipp	Arrow point
2150173	1-67	Surface - peneral	_	[]nclassified	Arrow point	φp	Mississippi	Arrow point
	; •		ı					

APPENDIX B

1-68 Surface general 1 Unclassified	Sit No	No.	Procenience	5	Type Name	Anifact Description	Portion	Cultural Affilition	Primary Function
146 Surface-general I Undesselfred Preform whole Unknown and Surface-general I Undesselfred Raife, Michael mideories Uthknown Unknown and Surface-general I Lander Corner Northed Raife, Michael whole Woodland? 1.10 Surface-general I Lander Corner Northed Strape, Michael whole Woodland I Undesselfred Strape, Michael whole Woodland I Strape, Strape, general I Rect Side Northed Kalfe, Michael whole Woodland Late I Strape, general I Strape, Michael whole Woodland I Strape, general I Windows or Lander Kalfe, Michael whole Woodland Late I Strape, general I Windows or Lander Kalfe, Michael whole Woodland Late I Strape, general I Windows or Lander Kalfe, Michael whole Woodland Late I Strape, general I Windows I Kalfe, Michael whole Woodland Late I Strape, general I Windows or Lander Kalfe, Michael whole Woodland I Strape, general I Undesselfred Strafe, Michael whole Woodland I Strape, general I Undesselfred Strafe, Michael whole Woodland I Strape, general I Undesselfred Strape, wild whole Woodland I Strape, general I Undesselfred Strape, wild windows I Unknown I U	2380173	89	Surface - seneral	-	Undessified	Preform	wbole	Woodland, Late-Mississipp	Unknown
1.1 Surface general 1 Unclassified Preform whole Unknown 1.3 Surface general 1 Unclassified Preform whole Unknown 1.3 Surface general 1 Unclassified Preform whole Unknown 1.4 Surface general 1 Unclassified Rule, which Unknown 1.4 Surface general 1 Unclassified Rule, which I whole Unknown 1.5 Surface general 1 Unclassified Rule, which I whole Unknown 1.5 Surface general 1 Lander Corner between Rule, which I whole Woodland Unknown 1.1 Surface general 1 Unclassified Semper, Michael and whole Woodland Unknown 1.1 Surface general 1 Unclassified Semper, Michael I whole Woodland Unknown 1.1 Surface general 1 Unclassified Semper, Michael I whole Woodland Unknown 1.1 Surface general 1 Unclassified Semper, Michael I whole Woodland, Late Woodland I Surface general 1 Suck Nothed Kalle, Michael I whole Woodland, Late Woodland I Suck Onner Nothed Will, Michael I whole Woodland, Late Woodland, Late Woodland I Suck Onner Nothed Will, Michael I whole Woodland, Late Woodland I Suck Onner Nothed Will, Michael I whole Woodland, Late Woodland I Suck Onner Nothed Woodland I Suck Onner Nothed Woodland I Suck Onner Nothed Suffic Michael I whole Woodland, Late Woodland I Suck Onner Nothed Woodland I Suck Onner Nothed Suffic Michael I whole Woodland I Suck Onner Nothed Suffic Michael I whole Woodland I Suck Onner Nothed Suffic Michael I whole Woodland I Suck Onner Nothed Suffic Michael I whole Woodland I Suck Onner Nothed Suffic Michael I whole Woodland I Suck Onner Nothed Suffic Michael I whole Woodland I Suck Onner Nothed Suffic Michael I whole Woodland I Suck Onner Nothed Suffic Michael I whole Woodland I Suck Suffice general 1 Suck Onner Nothed Suffice Michael I whole Woodland I Woodland I Suck Suffice general 1 Suck	210313	3 5	Surface - general		Unclassified	Preform	whole	Unknown	Unknown
13. Surface general I Undeserfied Preform whose Unknown 11.3 Surface general I Undeserfied Real-Kohenger whose Unknown 11.3 Surface general I Undeserfied Real-Kohenger whose Unknown 11.4 Surface general I Undeserfied Real-Kohenger whose Unknown 11.5 Surface general I Undeserfied Real-Kohenger whose Unknown 11.5 Surface general I Lander Corner Noteback Real-Kohenger whose Woodland Woodland I Lander Corner Noteback Real-Kohenger whose Woodland Woodland I Surface general I Undeserfied Script: Michael end whose Woodland Undeserfied Script: Michael end whose Woodland I Surface general I Undeserfied Script: Michael end whose Woodland Late Surface general I Undeserfied Script: Michael end whose Woodland Late I Surface general I Rec Side Noteback Koal-Kohenger whose Woodland Late I Surface general I Stone Corner Noteback was Koal-Kohenger whose Woodland Late I Surface general I Stone Corner Noteback Woodland I Woodland I Late I Surface general I Wanders of Langer Michael end whose Woodland Late I Surface general I Lander Corner Noteback Koal-Kohenger whose Woodland Late I Surface general I Lander Corner Noteback Woodland I Woodland I Surface general I Lander Corner Noteback Michael end whose Woodland Michael I Surface general I Lander Corner Noteback Michael end dietal Woodland Michael I Surface general I Undeserfied Script: Michael end dietal Woodland Michael I Surface general I Undeserfied Script: Michael end dietal Woodland Michael I Surface general I Undeserfied Script: Michael end dietal Woodland Michael I Surface general I Undeserfied Script: Michael end Michael I Woodland Michael I Surface general I Undeserfied Script: Michael I Woodland Michael I Surface general I Undeserfied Script: Michael I Woodland Michael I Woodland Michael I Surface general I Woodland Michael I Woodland Michael I Surface general I Woodland Michael I Woodland Woodland I Woodland Woodland I Woodland Michael I Woodland Michael I	25CO352	<u> </u>	Surface - merceral		Unclassified	Preform	whole	Unknown	Unknown
14 Surface general Undestelled Kalickeanper whole Unknown 11 Surface general Undestelled Kalickeanper whole Unknown 11 Undestelled Kalickeanper whole Unknown 11 Undestelled Kalickean and the Undestelled Activity Michael Understelled Kalickean and the Undestelled Kalickean and the Woodland Unknown 12 Surface general I Undestelled Scraper, Michael and whole Woodland Undestelled Scraper, Michael and whole Woodland Undestelled Scraper, Michael and whole Woodland Undestelled Scraper, Michael and Woodland Underward Under	\$150357	Ξ:	Surface Contract	· -	I ford asset fand	Preform	whole	Unknown	Unknown
1.4.3 Surface - general Unclassified Kalickemper whole Woodlasd? 1.4.5 Surface - general 1. Unclassified Kalickemper whole Unchasified 1.6 Surface - general 1. Unclassified Kalic Michael whole Woodland 1.10 Surface - general 1. Lander Corner blockhed Kalic Michael whole Woodland 1.11 Surface - general 1. Unclassified Scraper, blicals and whole Woodland 1.12 Surface - general 1. Unclassified Kalic Michael whole Woodland 1.13 Surface - general 1. Unclassified Kalic Michael whole Woodland Lae 1.14 Surface - general 1. Unclassified Kalic Michael whole Woodland Lae 1.15 Surface - general 1. Unclassified Kalic Michael whole Woodland Lae 1.15 Surface - general 1. Woudnes Kalic Michael whole Woodland Lae 1.17 Surface - general 1. Lander Corner Nocked Kalic Michael	23FO3/4	7-1	Surface - process	•		Perform	whole	Unknown	Unknown
13 Surface general 1 Undesselled Naffe Michel midecrion Unbrown 13 Surface general 3 Undesselled Naffe Michel midecrion Unbrown 14 Surface general 1 Lander Corner Nother Naffe Michel whole Woodland Underselled Samper, Michel et al. Whole Woodland Underselled Samper, Michel et al. Samper, spenal 1 Stone Corner Noched Michel et al. Whole Woodland Late Samper, spenal 1 Underselled Samper, Michel et al. Whole Woodland Late Samper, spenal 1 Stone Corner Noched Dat point Michel et al. Underselled Samper, Which is mider-ipsenal 1 Underselled Samper, Which is whole Woodland, Middle 11 Samper, spenal 1 Underselled Samper, Which is whole Woodland, Middle 11 Samfer, spenal 1 Underselled Samper, Which is whole Woodland, Middle 11 Samfer, spenal 1 Underselled Samper, Which is whole Woodland, Middle 11 Samfer, spenal 1 Underselled Samper, Which is whole Woodland, Middle 11 Samfer, spenal 1 Underselled Samper, Which is whole W	2350374	٠	Surface - process	٠.		KnifeAcraper	a pok	Woodland?	Kaife
1-3 Surface general 1 Undesselled Staff, blickel mitherion Unbrown 1-4 Surface general 1 Lander Corner Noted Midit, blickel whole Archite, Late Woodland 1-11 Surface general 1 Undesselled Scripter, blickel and whole Woodland Undesselled Scripter, blickel and whole Woodland Underselled Scripter, blickel and whole Woodland Underselled Scripter, blickel and whole Woodland Underselled Scripter, blickel and whole Woodland Late Undesselled Scripter, blickel and whole Woodland Late Surface general 1 Undesselled Kalif, blickel whole Woodland, Late Surface general 1 Rice Side Noteded Kalif, blickel whole Woodland, Late Surface general 1 Store Corner Noteded Kalif, blickel whole Woodland, Late Surface general 1 Store Corner Noteded Kalif, blickel whole Woodland, Late Surface general 1 Store Corner Noteded Kalif, blickel whole Woodland, Late Surface general 1 Store Corner Noteded Kalif, blickel whole Woodland, Late Surface general 1 Store Corner Noteded Edite, blickel whole Woodland Surface general 1 Store Corner Noteded Edite, blickel whole Woodland Surface general 1 Store Corner Noteded Edite, blickel and distal Woodland Surface general 1 Undessified Scripter, blickel and distal Moodland Surface general 1 Undessified Scripter, blickel and distal Moodland Surface general 1 Undessified Scripter, blickel and distal Moodland Middle Surface general 1 Undessified Scripter, blickel whole Woodland Middle Surface general 1 Undessified Scripter, blickel whole Woodland Woodland Middle Surface general 1 Fairfand variant Kalif, blickel whole Woodland Woodland Middle Surface general 1 Store Corner Noteded Bulkes stemmed whole Woodland Woodland Middle Surface general 1 Fairfand variant Model Scripter, blickel whole Woodland Woodland Middle Surface general 1 Fairfand variant Model Scripter, blickel whole Woodland Woodland Middle Surface general 1 Fairfand variant Middle Woodland Woodla	2370374	<u>†</u> '	Surface - Peneral	٠,			a de la constante de la consta	Untraren	Unknown
14 Surface general 3 Undesselfed Activity interests and accordance of the Surface general 1 Lander Corner Notethed Kalife Mifficial whole Woodland List Surface general 1 Undesselfed Scraper, Michael end whole Woodland List Surface general 1 Undesselfed Scraper, Michael end whole Woodland List Undesselfed Scraper, Michael end whole Woodland List Undesselfed Scraper, Michael end whole Woodland List Surface general 1 Undesselfed Kalife, Michael whole Woodland, List Surface general 1 Store Corner Notebod var. Kalife, Michael whole Woodland, List Surface general 1 Store Corner Notebod var. Kalife, Michael whole Woodland, List Surface general 1 Store Corner Notebod var. Kalife, Michael whole Woodland, List Surface general 1 Washbest of Lagery Kalife, Michael whole Woodland, List Surface general 1 Washbest of Lagery Kalife, Michael whole Woodland, List Surface general 1 Washbest of Lagery Kalife, Michael whole Woodland, List Surface general 1 Washbest of Lagery Kalife, Michael whole Woodland, Middle List Surface general 1 Store Corner Notebod Bittee, stemmed proximal Woodland Archael, Late Surface general 1 Store Corner Notebod Bittee, stemmed proximal Woodland List Surface general 1 Undesselfed Scraper, Bifferid and decicio Unbrown List Surface general 1 Undesselfed Scraper, Bifferid whole Woodland, Middle List Surface general 1 Undesselfed Scraper, Bifferid whole Woodland, Middle List Surface general 1 Undesselfed Scraper, Bifferid whole Woodland, Middle List Surface general 1 Undesselfed Scraper, Bifferid whole Woodland, Middle List Surface general 1 Listand writant Kalife, Middle whole Woodland, Middle List Surface general 1 Listand writant Kalife, Middle Woodland, Middle Listand Woodland Woodland, Woodland, Woodland Woodland, Woodland, Woodland Woodland, Woodland Woodland, Woodland Woodland, Woodland Woodland, Woodland Woodland, Woodland Woodland	23PO374	€. •	Surface - general	-	Unclassified	רופוסום:	100		Kaife
1.9 Surface green! 1. Action variant Kalfe, blickel whole Action to Late 1.9 Surface green! 1. Lander Corner No tobed Kalfe, blickel whole Woodland 1.10 Surface green! 1. Undessified Scraper, blickel and whole Woodland 1.11 Surface green! 1. Undessified Kalfe, blickel whole Woodland 1.12 Surface green! 1. Undessified Kalfe, blickel whole Woodland 1.13 Surface green! 1. Undessified Kalfe, blickel whole Woodland, Late 1.14 Surface green! 1. Surface green! 1. Surface green! 1. Surface green! 1. Actability like in whole Woodland, Late 1.14 Surface green! 1. Surface green! 1. Avaints, Late Whole Woodland 1.25 Surface green! 1. Lander Corner Notabed Kalfe, blickel whole Woodland 1.26 Surface green! 1. Lander Corner Notabed Blicke, blickel whole Woodland 1.7 Surface green! <td>2370374</td> <td>9</td> <th>Suráce - general</th> <td>m</td> <td>Unclassified</td> <td>Knife, bitacial</td> <td>EDICERCTION</td> <td>Carlotte</td> <td>A STATE OF THE STA</td>	2370374	9	Suráce - general	m	Unclassified	Knife, bitacial	EDICERCTION	Carlotte	A STATE OF THE STA
1.9 Surface general 1 Lander Corner No kubed Kalic, blickal and whole Woodland 1.10 Surface general 1 Undessified Scraper, blickal and whole Woodland 1.11 Surface general 1 Undessified Rail, falle N/A Unknown 1.13 Surface general 1 Undessified Kalic, blickal whole Woodland, Late 1.14 Surface general 1 Succe Corner Notabod var. Kalic, blickal whole Woodland, Late 1.15 Surface general 1 Succe Corner Notabod var. Kalic, blickal whole Archaic, Late 1.17 Surface general 1 Succe Corner Notabod var. Kalic, blickal whole Archaic, Late 1.17 Surface general 1 Lander Corner Notabod Kalic, blickal whole Woodland 1.1 Surface general 1 Lander Corner Notabod Kalic, blickal whole Woodland 1.4 Surface general 1 Lander Corner Notabod Editer, blickal	23PO374	9 -1	Surface - general	-	Afton variant	Knife, bifacial	whole	Archaic, Late	Name of the second
1-10 Surface general 1 Undessified Scraper, blacial and whole Woodland	23FO374	6-1	Surface - general	-	Lander Corner Notched	Kaife, bifaciai	whole	Woodland	Kaffe
1.12 Surface general 1 Undessified Scraper, bifacial end Whooland Whooland Whooland Undersified Preform Indexciso Undersorn	2380374	1-10	•	-	Upclassified	Scraper, bifactal end	wbok	Woodland	Scraper
1-12 Surface general 1 Undeswifted Perform nijdection Unknown 1-13 Surface general 1 Undeswifted Kalfe, bliesial whole Woodland, Late 1-14 Surface general 1 Rice Side Notched Kalfe, bliesial whole Woodland, Late 1-15 Surface general 1 Stone Corner Notched vo. Kalfe, bliesial whole Archaic, Late 1-15 Surface general 1 Washesa Kalfe, bliesial whole Archaic, Late 1-17 Surface general 1 Washesa Kalfe, bliesial whole Woodland 1-2 Surface general 1 Washesa of Langtry Kalfe, bliesial whole Woodland 1-3 Surface general 1 Lander Corner Notched Edick-carper Woodland 1-4 Surface general 1 Stone Corner Notched Edick-carper Woodland 1-5 Surface general 1 Stone Corner Notched Edick-carper Woodland 1	2380374	:		-	Unclassified	Scraper, bifacial cod	whole	Woodland	Scraper
1-13 Surface general 1 Undenseifled Kalife, blirais whole woodinade, Lite	2380374	1.12	•	-	Unclaratified	Preform	midsection	Unknown	Unknown
1-14 Surface general 1 Rice Side Notched Kaife, bifacial whole whole woodland, Late	2380374	<u> </u>		-	Unclassified	Kaife, flake	Y/N	Unknown	Kaife
1.5 Surface general 1 Rice Side Notched Kaife bifecial whole Archaic, Late 1.6 Surface general 1 Super Corner Notched var. Kaife, bifecial whole Archaic, Late 1.7 Surface general 1 Super Corner Notched var. Kaife, bifecial whole Woodland 1.3 Surface general 1 Waubeas or Langtry Kaife, bifecial whole Woodland 1.4 Surface general 1 Waubeas or Langtry Kaife, bifecial whole Woodland 1.5 Surface general 1 Lander Corner Notched Kaife, bifecial whole Woodland 1.6 Surface general 1 Stone Corner Notched Dar point section Woodland 1.7 Surface general 1 Stone Corner Notched Dar point section Woodland 1.8 Surface general 1 Stone Corner Notched Scarper, bifecial midection Unknown 1.1 Surface general 1 Unclassified Kaife, bifecial midection Unknown 1.1 Surface general 1 Unclassified Scarper, bifecial midection Unknown 1.1 Surface general 1 Unclassified Scarper, bifecial midection Unknown 1.1 Surface general 1 Unclassified Scarper, bifecial midection Unknown 1.1 Surface general 1 Sundersiend Scarper, bifecial midection Unknown 1.1 Surface general 1 Unclassified Scarper, bifecial midection Unknown 1.1 Surface general 1 Surface general	2100174	71-1		-	Rice Side Notched	Knife, bifacial	wbole	Woodland, Late	Knife
1.56 Surface general 1 Stone Corner Notebod var. Kaife, bifacial whole Archaic, Late 1.2 Surface general 1 Waubea Kaife, bifacial whole Archaic, Late 1.3 Surface general 1 Waubea Kaife, bifacial whole Woodland 1.4 Surface general 1 Lander Corner Notched Kaife, bifacial whole Woodland 1.5 Surface general 1 Lander Corner Notched Archaic, Late Woodland 1.5 Surface general 1 Stone Corner Notched Biface, stemmed proximal Archaic, Late 1.7 Surface general 1 Uncleasified Kaife, bifacial Archaic, Late Unknown 1.9 Surface general 1 Uncleasified Scraper, bifacial Unknown Unknown 1.10 Surface general 1 Uncleasified Scraper, file is Indicaction Unknown 1.11 Surface general 1 Uncleasified Scraper, file is Whole	A710911	\$1-1 \$1-1	- 1	_	Rice Side Notched	Knife, bifacial	whole	Woodland, Late	Kaife
1-17 Surface - general 1 Edgewood Knift, bifacial whole Archaic, Late Woodland 1-2 Surface - general 1 Waubesa or Langtry Knift, bifacial whole Woodland 1-3 Surface - general 1 Waubesa or Langtry Knift, bifacial whole Woodland 1-4 Surface - general 1 Dickson Knift, bifacial whole Woodland 1-5 Surface - general 1 Stone Corner Notched Dart point whole Woodland 1-7 Surface - general 1 Stone Corner Notched Dart point Archaic, Late 1-7 Surface - general 1 Stone Corner Notched Strate, stemmed distal Archaic, Late 1-8 Surface - general 1 Unclessified Strate, bifacial midsection Unknown 1-10 Surface - general 1 Unclessified Strate, flate N/A Unknown 1-11 Surface - general 1 Unclessified Strate, flate N/A Unknown 1-12 Surface - general 1 Unclessified Strate, flate N/A Unknown 1-13 Surface - general 1 Unclessified Strate, flate N/A Unknown 1-14 Surface - general 1 Unclessified Strate, flate N/A Unknown 1-15 Surface - general 1 Unclessified Strate, flate N/A Unknown 1-16 Surface - general 1 Unclessified Strate, flate Whole Woodland; Middle 1-17 Surface - general 1 Unclessified Strate, flate Whole Woodland; Middle 1-18 Surface - general 1 Unclessified Walfe, bifacial Whole Whole Archaic, Middle 1-15 Surface - general 1 Unclessified Walfe, bifacial Whole Archaic, Middle 1-16 Surface - general 1 Unclessified Walfe, bifacial Whole Whole Archaic, Middle 1-17 Surface - general 1 Unclessified Walfe, bifacial Whole Whole Whole Whole Whole Whole Whole 1-17 Surface - general 1 Unclessified Walfe, bifacial Whole	ATTOMIT	93-1			Stone Corner Notched var.	Knife, bifacie?	whole	Archaic, Late	Knife
1.2 Surface - general 1 Waarbesa Knife, blincial whole Woodland 1.3 Surface - general 1 Waubesa or Langtry Knife, blincial whole Woodland 1.5 Surface - general 1 Lander Corner Norbed Knife, blincial whole Woodland 1.5 Surface - general 1 Stone Corner Norbed Bitace, stramed proximal Archaic, Late 1.7 Surface - general 1 Stone Corner Norbed Bitace, stramed proximal Archaic, Late 1.7 Surface - general 1 Unclassified Scraper, blincial and distal Archaic, Late 1.9 Surface - general 1 Unclassified Rolfe, blincial Inidection Unknown 1.10 Surface - general 2 Unclassified Perform Woodland 1.11 Surface - general 1 Unclassified Scraper, lake N/A Unknown 1.13 Surface - general 1 Unclassified Scraper, lake Rolfe, blickel <td>1100174</td> <td>27.</td> <th></th> <td></td> <td>Edgewood</td> <td>Knife, bifacial</td> <td>whole</td> <td>Archaic, Late</td> <td>Kaife</td>	1100174	27.			Edgewood	Knife, bifacial	whole	Archaic, Late	Kaife
1.3 Surface general 1 Waubesa of Langity Knife, blieshi whole Woodland 1.4 Surface general 1 Dokson Knife, blieshi proximal Woodland 1.5 Surface general 1 Lander Comer Notched Dart point whole Woodland 1.6 Surface general 1 Stone Corner Notched Biface, stemmed proximal Archaic, Late 1.7 Surface general 1 Stone Corner Notched Biface, stemmed distal Archaic, Late 1.9 Surface general 1 Unclassified Knife, bifacial midection Unbarown 1.10 Surface general 2 Unclassified Scraper, late N/A Unbarown 1.11 Surface general 1 Unclassified Scraper, late N/A Unbarown 1.12 Surface general 1 Unclassified Scraper, late N/A Unbarown 1.13 Surface general 1 Unclassified Scraper, late N/A Un	2200274	1.7		-	Weubosa	Knife, bifaciel	whole	Woodland	Kaife
14 Surface general 1 Dickson Kaife, blackat proximal Woodland, Middle 15 Surface general 1 Lander Corner Notched Biface, stemmed whole Woodland 16 Surface general 1 Stone Corner Notched Biface, stemmed proximal Archaic, Late 17 Surface general 1 Stone Corner Notched Biface, stemmed distal Archaic, Late 18 Surface general 1 Unclassified Kaife, bifacial and distal Woodland 19 Surface general 1 Unclassified Kaife, bifacial midsection Unknown 1-10 Surface general 1 Unclassified Kaife, bifacial midsection Unknown 1-11 Surface general 1 Unclassified Scraper, unifacial side midsection Unknown 1-12 Surface general 1 Unclassified Scraper, unifacial side Mississippi 1-15 Surface general 1 Etaidand variant Kaife, bifacial whole Woodland? 1-16 Surface general 1 Etaidand variant Kaife, bifacial whole Woodland, Middle 1-17 Surface general 1 Etaidan variant Kaife, bifacial whole Archaic, Late 1-18 Surface general 1 Unclassified Biface, stemmed whole Archaic, Middle 1-19 Surface general 1 Unclassified Biface, stemmed whole Archaic, Middle 1-10 Surface general 1 Unclassified Biface, stemmed whole Archaic, Middle 1-10 Surface general 1 Unclassified Biface, stemmed proximal Unknown Unknown 1-10 Surface general 1 Unclassified Biface, stemmed proximal Unknown 1-10 Surface general 1 Unclassified Biface, stemmed proximal Unknown 1-10 Surface general 1 Unclassified Biface, stemmed proximal Unknown 1-10 Surface general 1 Unclassified Biface, stemmed proximal Unknown 1-10 Surface general 1 Unclassified Biface, stemmed proximal Unknown	2100101			-	Waubesa or Langtry	Knife, bifacial	whole	Woodland	Knife
1.5 Surface general I Lander Corner Notched Durt point stem Archaig, Late 1.6 Surface general I Stone Corner Notched Durt point stem Archaig, Late 1.7 Surface general I Stone Corner Notched Biface, stemmed proximal Archaig, Late 1.8 Surface general I Unclassified Scraper, bifacial and distal Woodland 1.9 Surface general I Unclassified Kalif, bifacial midection Unknown 1.10 Surface general I Unclassified Scraper, unifacial side Unknown 1.11 Surface general I Unclassified Scraper, unifacial side Mississippl 1.12 Surface general I Unclassified Scraper, unifacial side Mississippl 1.13 Surface general I Michael Woodland Archaig, Late 1.14 Surface general I Hardin variant Kalife, bifacial whole Mississippl 1.15 Surface general I Hardin variant Kalife, bifacial whole Archaig, Late 1.16 Surface general I Hardin variant Kalife, bifacial whole Archaig, Middle 1.17 Surface general I Unclassified Biface, stemmed whole Unknown 1.18 Surface general I Unclassified Biface, stemmed Proximal Unknown 1.19 Surface general I Unclassified Biface, stemmed Proximal Unknown 1.10 Surface general I Unclassified Biface, stemmed Proximal Unknown 1.10 Surface general I Unclassified Biface, stemmed Proximal Unknown 1.10 Surface general I Unclassified Biface, stemmed Proximal Unknown 1.10 Surface general II Unclassified Biface, stemmed Proximal Unknown	STEORET.	· ·	_		Doksa	Kaife, bifacial	proximal	Woodland, Middle	Knife
14 Surface general 1 Stone Corner Notched Biface, stemmed proximal Archaic, Late 1.7 Surface general 1 Stone Corner Notched Biface, stemmed proximal Archaic, Late 1.8 Surface general 1 Unclassified Scraper, bliecial end distal Woodland 1.9 Surface general 1 Unclassified Knife, bliecial midscrion Unknown 1.10 Surface general 2 Unclassified Fredom Midscrion Unknown 1.11 Surface general 1 Unclassified Scraper, unificial side midscrion Unknown 1.12 Surface general 1 Unclassified Scraper, unificial side Mississippi 1.15 Surface general 1 Unclassified Scraper, unificial side Mississippi 1.16 Surface general 1 Sallisaw Arrow point whole Mississippi 1.17 Surface general 1 Fairland variant Knife, bifacial whole Woodland, Middle 1.18 Surface general 1 Hardin variant Knife, bifacial whole Archaic, Middle 1.19 Surface general 1 Unclassified Biface, stemmed whole Horoximal Unknown 1.10 Surface general 1 Unclassified Biface, stemmed Woodland, Middle 1.19 Surface general 1 Unclassified Biface, stemmed Woodland, Middle 1.10 Surface general 1 Unclassified Biface, stemmed Woodland, Middle 1.10 Surface general 1 Unclassified Biface, stemmed Woodland Unknown	Strong	<u>.</u>		٠ -	Sander Corner Note bed	Kalfe/sonper	whole	Woodland	Knife
1.7 Surface general 1 Stone Corner Notched Biface, stemmed proximat Arrhaic, Late 1.8 Surface general 1 Unclassified Scraper, bifacial end distat Woodland 1.9 Surface general 1 Unclassified Kinife, bifacial midection Unknown 1.10 Surface general 2 Unclassified Preform midection Unknown 1.11 Surface general 1 Unclassified Scraper, unifacial side midection Woodland? 1.12 Surface general 1 Unclassified Scraper, unifacial side midection Woodland? 1.13 Surface general 1 Sallisaw Arrow point whole Mississippl 1.15 Surface general 1 International Mide Mide Modeland, Middle 1.2 Surface general 1 International Mide Mide Modeland, Middle 1.3 Surface general 1 International Mide Mide Modeland, Middle 1.4 Surface general 1 International Mide Mide Modeland, Middle 1.5 Surface general 1 International Mide Mide Mide Mide Mide Mide Mide Mide	2350375				Stone Corner Notched	Dart polat	Steat	Archaic, Late	Dark point?
1.4 Surface general 1 Unclassified Scraper, blied bed distal Woodland 1.9 Surface general 1 Unclassified Knife, bliedal midection Unknown 1.10 Surface general 2 Unclassified Preform midection Unknown 1.11 Surface general 1 Unclassified Scraper, flate N/A Unknown 1.12 Surface general 1 Unclassified Scraper, unificial side midection Woodland? 1.13 Surface general 1 Knifessified Scraper, unificial side Mississiphi 1.14 Surface general 1 Fairfand variant Knife, bliedal whole Woodland, Middle 1.2 Surface general 1 Hardin variant Knife, bliedal whole Archaic, Middle 1.4 Surface general 1 Unclassified Biface, stemmed whole Unknown 1.4 Surface general 1 Unclassified Biface, stemmed proximal Unknown 1.5 Surface general 1 Unclassified Biface, stemmed whole Unknown	23FO3/3	9 !			Section County	Riface elemined	proximal	Archaic, Late	Unknown
1.9 Surface general 1 Unclassified Kaife, bifacial midection Unknown 1.10 Surface general 2 Unclassified Raife, bifacial midection Unknown 1.11 Surface general 2 Unclassified Scraper, flate N/A Unknown 1.12 Surface general 1 Unclassified Scraper, unifical side midection Woodland? 1.13 Surface general 1 Sallisaw Arrow point whole Mississippi 1.15 Surface general 1 Fairfand variant Kaife, bifacial proximal Archaic, Late 1.2 Surface general 1 Unclassified Scraper, unificated whole Woodland, Middle 1.3 Surface general 1 Unclassified Midec, stemmed whole Archaic, Middle 1.4 Surface general 1 Unclassified Biface, stemmed proximal Unknown 1.4 Surface general 1 Unclassified Biface, stemmed proximal Unknown	23PO375	1.7		٠.	SWIFT COINCILLORS	Courses Minds and	distal	Woodland	Scriper
1.9 Surface general 1 Unclassified Raife, bifacial midection Unknown 1-10 Surface general 2 Unclassified Preform midection Unknown 1-12 Surface general 1 Unclassified Scraper, flate N/A Unknown 1-13 Surface general 1 Unclassified Scraper, unificial side midection Woodland? 1-15 Surface general 1 Fairfand variant Knife, bifacial proximal Archaic, Late 1-2 Surface general 1 Hardin variant Knife, bifacial whole Woodland, Middle 1-3 Surface general 1 Unclassified Biface, stemmed whole Archaic, Middle 1-4 Surface general 1 Unclassified Biface, stemmed proximal Unknown	23PO375	•	•	-		Service Street	1	and a line	Knife
1-10 Surface general 3 Unclassified Kaile, belactal muckection Unknown 1-11 Surface general 2 Unclassified Preform mickection Unknown 1-12 Surface general 1 Unclassified Scraper, unificial side mickection Woodland? 1-13 Surface general 1 Sallisaw Arrow point whole Mississippi 1-15 Surface general 1 Fairfand variant Kaile, bifacial proximal Archaic, Late 1-2 Surface general 1 Hardin variant Kaile, bifacial whole Woodland, Middle 1-3 Surface general 1 Unclassified Biface, stemmed whole Archaic, Middle 1-4 Surface general 1 Unclassified Biface, stemmed proximal Unknown	23PO375	1.9	7	-	Unchesition	Amic, odere	THE PERSON	1 1 1 1 1 1 1 1	
1-11 Surface general 2 (Inclassified Preform miderction Unknown 1-12 Surface general 1 Unclassified Scraper, flate N/A Unknown 1-13 Surface general 1 Unclassified Scraper, unificial side midection Woodland? 1-15 Surface general 1 Sallisaw Arrow polat whole Mississippi 1-15 Surface general 1 Fairfand variant Knife, bifacial proximal Archaic, Late 1-15 Surface general 1 Unclassified Biface, stemmed whole Archaic, Middle 1-15 Surface general 1 Unclassified Biface, stemmed proximal Unknown Unknown	2370375	01-1		9	Unchassified	Kalfe, bifacial	midsection	Cakhowa	L' L
1-12 Surface general 1 Unclassified Scraper, flake N/A Unknown 1-13 Surface general 1 Unclassified Scraper, unificial side midsection Woodland? 1-15 Surface general 1 Sallisaw Arrow point whole Mississippi Archaic, Late 1-2 Surface general 1 Fairfand variant Kalfe, bifacial proximal Archaic, Late 1-3 Surface general 1 Hardin variant Kalfe, bifacial whole Archaic, Middle 1-4 Surface general 1 Uncassified Biface, stemmed proximal Unknown	23PO375	1.11		7	(Inclassified	Preform	midection	Unknown	Unknown
1-13 Surface general 1 Unclassified Scraper, unified it side midsection Woodland? 1-15 Surface general 1 Sallisaw Arrow point whole Mississippi 1-2 Surface general 1 Fairfand variant Knife, bifacial proximal Archaic, Late 1-3 Surface general 1 Hardin variant Knife, bifacial whole Archaic, Middle 1-4 Surface general 1 Unclassified Biface, stemmed proximal Unknown	23PO375	1-12		-	Unclassified	Scraper, flake	ž	Unknown	Scriper
1-15 Surface general 1 Sallisaw Arrow point whole Mississippi 1-1 Surface general 1 Fairfand variant Knife, bifacial proximal Archaic, Late 1-2 Surface general 1 Dickson Biface, stemmed whole Woodland, Middle 1-3 Surface general 1 Hardin variant Knife, bifacial whole Archaic, Middle 1-4 Surface general 1 Uncassified Biface, stemmed proximal Unknown	2380375	1-13			Unclassified	Scraper, unifacial side	midsection	Woodland?	Scraper
1.1 Surface general 1 Fairland variant Kaife, bifacial proximal Archaic, Late 1.2 Surface general 1 Dickson Biface, stemmed whole Woodland, Middle 1.3 Surface general 1 Hardin variant Knife, bifacial whole Archaic, Middle? 1.4 Surface general 1 Uncassified Biface, stemmed proximal Unknown	210017	1.15	-	-	Sallisaw	Arrow point	whole	Mississippi	Arrow point
1.2 Surface general 1 Dickson Biface, stemmed whole Woodland, Middle 1.3 Surface general 1 Hardin variant Knife, bifacial whole Archaic, Middle? 1.4 Surface general 1 Uncassified Biface, stemmed proximal Unknown	710017		,	=	Fairland variant	Kalfe, bifacial	proximal	Archaic, Late	Knife
1.3 Surface general I Hardin variant Knife, bifacial whole Archaic, Middle? 1.4 Surface general I Uncassified Biface, stemmed proximal Unknown	7180176	. 2			[Nekson	Biface, stemmed	whole	Woodland, Middle	· Unknown
1.5 Surface general 1 Uncassified Biface, stemmed proximal (inknown	6/60/67			•	2	Knife hitacial	whole	Archaic, Middle?	Knife
1-4 Surface - general 1 Uncassified Dilace, stemmed produital Uncassified	23PO376	<u>1:3</u>	Surface - Benefal	-		1 - 1 - 1 - 3 - 3 - 3 - 3 - 3 - 3 - 3 -) contact	[Particular	
	23PO376	77	Surface - general	-	Uncarestitled	Milor, stemmod	ресущен		

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Stone tools collected by Howard Wimmer

			;		A selface Description	Portion	Cultural Affilition	Primary Function
Site No.	Çır Ye	Provenience	5	lype name	Andrew Leading	TOTAL S	11-1	Habracaca
23PO376	1.5	Surface - general	٣	Unclassified	Biface	morection	UEKBOWE	- N- M
2100176	9	Surface - general	٣	Unclassified	Knife, bifacial	midsection	Unknown	Naite
3750476		Surface - general	**	Upchessified	Preform	midection	Ueknowa	Unknown
recourt.	-	Surface . general	28	Unclassified	Preform	midsection	Unknown	Unknown
116016	:::	Surface : personal	? ?	(Inchessified	Biface	midection	Unknown	Unknown
1150762	7-1	Surface - general	•	[Inclassified	Knife, bifacial	midsection	Unknown	Knife
110011]]	Surface meetal	, ,		Biface, stemmed	a de la constante de la consta	Unknown	Unknown
//CON62	<u>.</u> :	Surface - general	٠-	Section (1)	Ade	whole	Archaic, Late	Woodworking, beavy
750257	<u> </u>				Preform	wbok	Unknown	Usknown
7750457	<u>.</u> .		• •	[factors find	Preform	whok	Unknown	Unknown
7,50357	φ <u>ς</u>	•		Uncheedfled	Preform	₩t.k	Unknown	Unknown
2350377	<u> </u>	Surface - general			Preform	wbole	Unknown	Unknown
250377	21-1	Surface - graderal		Unclassified	Preform	wboie	Unknown	Unknown
710011	: :	Surface - orneral		e e e	Preform	whole	/ vic, Late	Smith point preform
Treores.	71.4	Curter mass		£j#S	Knife, bifacial	whole	A vic, Late	Kaife
13 ECOST	51-1	Surface - general		Smith?	Knife, bifacial	midection	Anthale, Late	Kaife
1160362		Surface amount		Understred	Delli, Miscial	w/sole	Archaic, Late	Perforator
//court	<u> </u>	Surface - experien		Unclassified	Kaife, bifacial	whole	Archaic, Late	Knife
// COJE 7	01:1	Surface - Section 2		Table Rook Stemmed	Projectile polat/knife	wbok	Archaic, Late	Knife
1160762	\	Surface - general		TeMe Book Pointed Stem?	Knife, bifacial	whok	Woodland, Late-Mississipp	Kalfe
2370377	io 9	Surface - general		Unchastified	Kaife/scraper	whole	Archaic, Late?	Kaife
1750367	2 8	Surface - Brancial		The parties	Knife, bifacial	whole	Archaic, Late	Knife
23PO377	R :			Notes and a second	Knife, bifacial	whole	Woodland, Middle	Kaife
23POS77	17-1	Section - Benefit			Knife hifacial	proximal	Woodland, Middle	Kaife
2380377	7:	Surface - general	- ·	Crawles	Projectile point/knife	whole	Archale, Term - Woodland	Knife
7350377	5	Surface - general		vitore	Kaife, bifacial	whole	Ar finic, Late - Woodland	Knife
1,025	3 1	Surface - Benefits		[anety	Knife, bifacial	proximal	Anthaic, Late - Woodland	Knife
115016	7 2	Surface - Brokers		Rice Side Notched	Kaife/scraper	proximal	Woodfand, Late	Knife
10000	3 5	Surface - memoral		Rice Side Notched	Biface, stemmed	proximal	Woodlynd, Late	Unknown
110011	7	Surface - granting		Rix Side Notched	Knife, bifacial	proximal	Woodland, Late	Knife?
7,50257	9 2	Surface - general	. –	Table Rock variant	Knife, bifacial	whole	Archaic, Late?	Knife
116016	67.1	Surface among		Undawifed	Arrow point	skm	Woodland, Mississippi	Arrow point
1160364	3 =	Surface - general		Stone Corner Notched var.	Knife, bifacial	proximal	Archaic, Late	. Knife?
1150762		Surface meneral		Aften	Kaife, bifacial	whole	Archaic, Late	Knife
//SCM5/	76-1	Surface - Reneral	• •	and bedraftly as and Courses	Dart noist	Skm	Archaic, Late	Dart point
2370377	1:33	Surface - general	-	Sione Corner 140 kined var.				

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Site No.	Cat. No.	Provenience	ಠ	Type Name	Artifact Description	Portion	Cultural Affilition	Primary Function
2380377	¥:	Surface - general	-	Big Creek	Biface, stemmed	stem	Archaic, Late	Unknown
23PO377	1-35	Surface - general	-	Big Creek	Bilace, stemmed	whole	Archalc, Late	Unknown
23PO377	1-36	Surface - general	-	Big Creek variant	Knife, bifacial	whole	Archaic, Late	Knife
23PO377	1.37	Surface - general	-	Smith	Biface, stemmed	proximal	Archaic, Late	Unknows
23PO377	1-38	Surface - general	-	Unclassified	Knife, bifacial	whole	Anchaic, Late	Knife
23PO377	1-39	Surface - general		Unchessified	Projectile pointlaife	whole	Unknown	Knife
23PO377	1-40	Surface - peneral		Scallora	Arrow point	whole	Woodland, Late-Mississipp	Arrow point
23PO377	17-1	Surface - general		Sequoyah	Arrow point	wbole	Mississippl	Arrow point
23PO377	1.42	Surface - general	-	Scallon	Arrow point	wbole	Woodland, Late-Mississipp	Arrow point
23F0377	1.43	Surface - general	-	Fresho	Arrow polat	whole	Late Prehistoric	Arrow point
23PO377	1-4	Surface - general	-	Understitled	Arrow point	distal	Woodland, Late-Mississipp	Arrow polat
23FO377	1.47	Surface - general		Unclassified	Preform	whole	Unknown	Unknown
23PO377	1.48	Surface - general	-	Unchessified	Preform	whole	Catnown	Unknown
23FO377	1-49	Surface - general	-	Red Ochre variant	Knife, bifacial	whole	Archaic, Late?	Knife
23PO377	1.50	Surface - general	4	Unchessified	Preform	whole	Unknown	Unknown
23PO377	15-1	Surface - general		Und.resifted	Scraper, bifacial end	whole	Late Prehistoric	Scraper
23PO377	1-52	Surface - general	-	Unclassified	Semper, bifacial end	distal	Unknown	Scraper
23PO377	1-53	Surface - general	_	Unchessified	Scraper, unitacial end	whole	Woodland?	Sonper
23PO377	1.54	Surface - general	-	Undersified	Scraper, unitadal side	distal	Unknown	Scraper
23PO378	1-1	Surface - general	∞	Updassified	Preform	midsection	Unknown	Unknown
23PO378	1.2	Surface - general		Stone Corner Notched var.	Knife, bifacial	whole	Archaic, Late	Kalle?
23PO378	1-3	Surface - general	-	Unclassified	Preform	proximal	Woodland, Late-Mississipp	Arrow point preform
23PO378	1	Surface - general	-	Unclassified	Biface, stemmed	SEC	Unknown	Unknows
23PO378	1-5	Surface - general	-	Unclassified	Knife, bifacial	proximal	Unknown	Knife
23PO379	1-1	Surface - general	_	Gr ed	Kaife, bifacial	whole	Woodland, Middle	Knife
2750379	1-2	Surface - general	1	Big Creek	Knife, bifacial	proximal	Archaic, Late	Knife
23PO379	1.3	Surface - general	-	White River	Dart polat	stem	Archaic, Middle	Dart point?
23PO379	7	Surface - general	-	Unclassified	Biface, stemmed	proxinal	Unknown	Unknown
21PO379	1-5	Surface - general	7	Undarsified	Kaife, bifacivi	midsection	Unknown	Kaife
23PO380	1-1	Surface - general	-	Delton	Biface, stemmed	proximal	Archaic, Early	Unknown
23PO380	1-2	Surface - general	-	Big Creek	Projectile pointraife	whole	Archaic, Late	Knife
23PO380	1-3	Surface - general	-	Big Creek	Biface, stemmed	proximal	Archaic, Late	Unknown
23PO380	14	Surface - general		Big Creek	Biface, stemmed	siem.	Archaic, Late	Unknown
23PO380	1.5	Surface - general		Table Rock variant	Biface, stemmed	proximal	Archaic, Late	Unknown
23PO380	9.	Surface - general		Smith	Knife, bifacial	proximal	Archaic, Late	Knife

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100	, N	Breezelston	C	Name Name	Arrifact Description	Portion	Cultural Affilition	Primary Function
Site No.	CEL NO.	rrovenience	. ار	i ye rame	Waife Diferiel	dodo.	Woodland	Knife
23PO380	1-7	Surface - Beneral	-	Waubesa	Ante, buscial	A BOK	A COCHANIC	3 2
23PO380	1.8	Surface - general		Unchassified	Knife, bifacial	proximal	Woodland	Knife
23PO380	6-1	Surface - general	٧,	Unchessified	Preform	midsection	Unknown	Unknown
23PO380	1.10	Surface - general	~	Rice Side Notched	Knife, bifacial	whole	Woodland, Late	Knife
23PO380	11-11	Surface - general	-	Rice Side Notched?	Kaife, bifacial	whole	Woodland, Late	Knife
23PO380	1.12	Surface - general		Rice Side Notched	Projectile polatifatife	whole	Woodland, Late	Kalfe
2380380	1-13	Surface - general	-	Unchesified	Dart point	ŝ.	Archaic, Late?	Dart point
23PO380	1-14	Surface - general		Unclassified	Perform	wbole	Unknows	Unknown
23PU380	1-15	Surface - general		Unclassified	Adre	wbole	(Jaknown	Woodworking, beavy
23PO380	1-16	Surface - general	-	Unclassified	Acte	midrection	Unknown	Woodworking, beavy
23PO381	1:1	Surface - general	-	Rice Side Notched	Knife, bifacial	whole	Woodland, Late	Kaife
23PO381	1-2	Surface - general		Dalton variant	Knife, bifacial	wbole	Archalo, Early	Knife
23PO381	1.3	Surface - general	01	Unclassified	Knife, bifacial	distal	Unknown	Kale
2310381	7	Surface - general	61	Unchessified	Preform	misc.	Unknown	Unknown
23PO381	1.5	Surface - general	4	Unchessified	Knife, bifacial	midsection	Unknown	Knife
23PO381	91	Surface - general	m	Unchassified	Biface, stemmed	sea	Archaic, Late?	Unknown
23PO381	1-1	Surface - general	80	Unclassified	Preform	distal	Unknown	Unknown
23PO381	= 0	Surface - general	-	Unclassified	Preform	proximal	Unknown	Unknown
23PO381	1.9	Surface - general	_	Unclassified	Knife, bifacial	whole	Unknown	Knife
23PO381	1.10	Surface - general	-	Unclassified	Knife, bifacial	proximal	Woodland	Knife
23PO381	11:1	Surface - general		Unchassified	Preform	whole	Woodland, Late	Unknown
23PO381	1-12	Surface - general		Unchassified	Preform	whole	Unknown	Unknown
2370381	1.13	Surface - general	_	Unclassified	Knife, bifacial	whole	Unknown	Knife
23PO381	1-14	Surface - general	_	Unchassified	Acte	whole	Unknown	Woodworking
23PO381	1-15	Surface - general	-	Unclassified	Scraper, flake	N/A	Woodland	Scraper
23PO381	91-1	Surface - general	-	Unclassified	Scraper, unifacial end	whole	Late Prehistoric	Scraper
23PO381	1-17	Surface - general	-	Unclassified	Knife, bifacial	whole	Unknown	Knife
23PO381	1.18	Surface - general	-	Stone Comer Notched	Knife, bifacial	whole	Archaic, Late	Knife
23PO381	61-1	Surface - general	-	Smith?	Knife, bifacial	whole	Archaic, Late	Knife
23PO381	02.1	Surface - general	-	Ensor	Knife, bifacial	whole	Archaic, Late	Knife
23PO381	1-51	Surface - general	_	Big Creek	Dart point	whole	Archaic, Late	Dart point
23PO381	1.22	Surface - general	-	Firsor	Kaife, bifacial	whole	Archaic, Late	Knife
23PO381	1.23	Surface - general	-	Steuben	Knife, bifacial	proximal	Woodland, Middle - Late	Knife
23PO381	<u>-</u>	Surface - general	-	Table Rock Pointed Stem	Knife, bifacial	whole	Woodland, Late-Mississipp	Kaife
23PO381	1.23	Surface - general		Table Rock Pointed Stem	Knife, bifacial	whole	Woodland, Late-Mississipp	Knife

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Sist	Cat. No.	Provenience	ರ	Type Name	Artifact Description	Portion	Cultural Affilition	Primary Function
2370381	1.26	Surface - general	-	Smith-like	Kalfe, bifacial	proximal	Archaic, Late	Kaire
23PO381	1.27	Surface - general	-	Unchassified	Kaife, bifacial	whole	Archaic, Late	Kalfe
23PO341	1.28	Surface - general		Unclassified	Dart point	whole	Woodland, Middle	Dart point
2370381	1-29	Surface - general		Unclassified	Dert polat	whole	Woodland, Middle	Dart point
2370349	1.30	Surface - general		Kings Corner Notched	Biface, stemmed	proximal	Archaic, Late - Woodland	Caknown
23P') .	1:31	Surface - general	-	Unchessified	Kaife, bifacial	proximal	Woodland?	Kaife
2386."	1-32	Surface - general	_	Unchaesified	Kalle, bilacial	proximal	Unknown	Kaife
2370381	1.33	Surface - general	_	Unclassified	Kalfe, bifacial	proximal	Unknown	Knife
23PO381	*-	Surface - general		Big Creek or Stone CN	Knife, bifacial	midsection	Archaic, Late	Kulfe
23PO381	1.35	Surface - general	_	Unclassified	Knife, bilacial	midection	Archalc, Late	Knife
23PO381	1	Surface - general		Uncassified	Drill, Miscal	* bok	Woodiand?	Perforating
23PO381	1.37	Surface - general	-	Read	Arrow pols:	wbole	Mississippl	Arrow point
23PO381	2 .1	Surface - general	_	Reed	Arrow point	whok	Misstestppi	Arrow point
23703/81	1.39	Surface - general	-	Washite peno	Arrow polat	# bok	Miss test ppd	Arrow point
23PO381	2	Surface - general	-	Fresno variant	Arrow point	w.hole	Late Prehistoric	A Tow point
23PO381	1-41	Surface - general	-	Scalions coryell	Arrow point	whole	Woodland, Late-Mississipp	Arrow point
2370381	1-42	Surface - general	-	Scallora conyell	Arrow point	whole	Woodland, Late Mississipp	Arrow point
23PO381	1-43	Surface - general		Scallon sattler	Arrow point	whole	Woodland, Late-Mississipp	Arrow point
23PO381	2.1	Surface - general	-	Scallorn eddy	Arrow point	whole	Woodland, Late-Mississipp	Arrow polat
23PO381	27:1	Surface - general	_	Scallora eddy	Arrow point	w.hole	Woodland, Late-Mississipp	Arrow point
23PO381	1.46	Surface - general		Scallon sarder	Arrow polat	whole	Woodland, Late-Mississipp	Arrow point
23PO381	1.47	Surface - general	-	Sequoyah	Arrow point	*hole	Mississi ppi	Acrow point
23PO381	1.48	Surface - general	_	Sequoy sh	Arrow point	whole	Mississippi	Arrow point
23PO381	67-1	Surface - general	_	Sequoyah	Arrow point	whole	Mississi ppi	Arrow point
23PO381	05-1	Surface - general	_	Sequoyah	Arrow point	whole	Missisch ppl	Arrow point
23PO381	1.51	Surface - general		Scallora coryell	Arrow polat	whole	Woodland, Late-Mississipp	Arrow point
23PO381	1.52	Surface - gereral	-	Unclassified	Arrow point	mickection	M. "issippi	Arrow point
23PO381	1.53	Surface - general	-	Unclassified	Arrow point	ďp	Mississippi	Arrow point
23PO381	1.54	Surface - general	_	Unclassified	Arrow point	ф	Mississippl	Arrow point
23PO382	1:1	Surface - general	_	Dickson variant	Projectile point/Luife	w hole	Woodland, Middle?	Neg
23FO382	1.2	Surface - general	4	Unclassified	Knife, bifacial	منه	Unknown	Knife
23PO382	[.3	Surface - general	-	Unclassified	Riface	midsection	Unknown	Unknown
23PO382	7	Surface - general		Unclassified	Preform	proximal	Woodland?	Unknown
23PO382	1.5	Surface - general	,	Unchass: Fed	Adze fragment	distal	Woodland?	Woodworking
23PO 332	9	Surface - general	-	Unclassified	Kallefscraper	distal	Woodland?	Krife

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Stone tools collected by Howard Wimmer

Site No.	Cat. No.	Proventence	1	type introc	Anuact Description	TOUR !	Curioral Authore	
23PO382	1.7	Surface - general	-	Smith	Projectile point/knife	wbole	Archaic, Late	Knife
23PO382	<u>«;</u>	Surface - general	-	Table Rock variant	Dart point	stem	Archaic, Late	Dart point
23PO382	6-1	Surface - general	-	Unchassified	Knife, bifacial	wbole	Unknown	Kaife
23PO383	Ξ	Surface - general	éi	Unclassified	Preform	misc.	(Jaknowa	Unknown
23PO383	:-2	Surface - general	13	Unclassified	Biface	midsection	Unknown	Unknown
23PO383	1:3	Surface - general	=	Unclassified	Knife, tifacial	φ	Unknown	Knife
2350383	7	Surface - general	_	Unclassified	Chopper	whole	Unknown	Chopper
23PO385	1.5	Surface - general	-	Uncharsified	Kaife, bifacial	whole	Woodland?	Kaife
23PO383	1.6	Surface - general	-	Unchestfied	Soraper, unifacial end	whole	Late Probisionic?	Scrape:
23PO383	1.1	Surface - general	-	Uncinssified	Kalfe, bifacial	ismpord	Untrown	Kaife
23PO383	9 -1	Surface - general	-	Unchesified	Knife, bifacial	proximal	Unknown	Kaife
23PO383	6:1	Surface - general	-	Unclassified	Drill, Madal	proximal	Woodland-Mississippi	Perforating
23PO383	01-1	Surface - general	-	Uschessified	Drill, bifacial	proximal	Woodland-Mississippi	Perforating
23PO383	1:1	Surface - general	-	Goder	Dart polat	whole	Archaic, Late	Ort polat
23PO383	1-12	Surface - general	-	Unchassified	Kaife, bifacial	w.hole	Archaic, Late	Kaife
23PO383	1-13	Surface - general	-	Kings Corner Notcined	Biface, stemmed	proximal	Archaic, Late - Woodland	Unknown
23PO383	1-14	Surface - general	-	Kings Corner Notched	Ourt point	whole	Archaic, Late - Woodland	Dert polat
23PO383	1-15	Surface - general	-	Kings Corner Notched	Kaife, bifacial	whole	Archaic, Late - Woodland	Knife
23PO383	91-1	Surface - general	-	Kings Corner Notched	Projectile point/knife	proximal	Archaic, Late - Woodland	Dart point
2370383	1-17	Surface - general	~	Klags Corner Notched	Projectile point/knife	whole	Archaic, Late - Woodland	Dark point
23PO383	1-18	Surface - general	-	Kings Corner Notched	Kaife, bifacial	whole	Archaic, Late - Woodland	Kaire
23PO383	1-19	Surface - general	-	Kings Corner Notched	Biface, stemmed	proximal	Archaic, Late - Woodland	Unknown
23PO383	1.20	Surface - general	-	Kings Comer Notched var.	Dert point	whole	Archaic, Late - Whodland	Dart point
23PO383	1-21	Surface - general	-	Kings Corner Notched var.	Knife, bifacial	whole	Archaic, Late - Woodland	Knife
23PO383	77 :	Surface - general	-	Kings Corner Notched var.	Knife, bifacial	wbole	Archaic, Late - Woodland	Kaife
23PO383	1.33	Surface - general	-	Kings Corner Notched var.	Projectile point/knife	arbole	Archaic, Late - Woodland	Kalfe
2340383	1.7	Surface - general	-	Kings Corner Notched var.	Knife, bifacial	¥ bofe	Archaic, Late - Woodland	Knife
23PO343	1.33	Surface - general	_	Kings Comer Notched var.	Biface, stemmed	proximal	Archaic, Late - Woodland	[Jaknown
23PO383	52-1	Surface - general	-	Kings Corner Notched var.	Kaife, bifacial	whole	Archaic, Late - Woodland	Kaife
23PO383	17-1	Surface - general	-	Fairland variant	Knife, bifacial	whole	Archaic, Late	Knife
23PC383	87-1	Surface - general	-	Kings Comer Notched var.	Dert point	whole	Archain Late - Woodland	Dar: point
23PO383	1.23	Surface - general		Table Rock variant	Biface, stemmed	proximal	Archaic, Late	Unknown
23170383	06-1	Surface - general	-	Table Rock variant	Biface, stemmed	proximal	Archaic, Late	- Unknown
23PO383	1:31	Surface - general	-	Kings Corner Notched?	Biface	midsection	Archaic, Late - Woodland	Unknown
	•							

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Stone tools collected by Howard Wimmer

	l
Sequoyah	1 Se
Waubesa	Wau
Undassified	1 Undas
Undersified	1 Undare
Big Creek	ا¶ Big
Undersified	1 Undered
Smith?	f Smid
Understilled	1 Under
Smith variant	I Smith v
Unclessified	1 Under
Unclassified	2 Unclassed
Undersified	1 Undered
Undersified	1 Undersi
Undernified	1 Unclassif
Understilled	1 Undered
Unclassified	1 Unclassif
Undersified	1 Undersif
Unchessified	1 Underself
Stone Corner Notched	1 Stone Corner N
Castroville-like	I Castroville
Unclassified	1 Unclassifi
Snyders	1 Snyder
Unchassified	2 Unclassi
Unclassified	I Undassil
Undassified	2 Undassi
Unclessified	1 Unclassif
Undessifted	1 Undersit
Unclassified	1 Unclassif
fardia .	1 Flandie
Gibson	1 Gibson
Undessified	2 Unclassif
Undarsified	2 Undassif
Unclassified	1 Unclass
Unchassified	2 Unchase
ben issue pool 1	

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Stone tools collected by Howard Wimmer

Site No. C 23PO388 23PO388 23PO388	Cet. No.	Provenience	ರ	Type Name	Artifact Description	romon		Unknown
1			=	I factored field	•			
23PO388 23PO388	1.1	Surface - seneral	=	CHICAGO	Preform	MARKACHON	DACINO	11-1-11
23PO388 23PO388	: :	lancar makers		Unclassified	Preform	bassi	Unknown	
23PO388	7-1	Surface - general	٠.	411	Knife Minciel	whole	Archaic, Late	Kaife
	<u>-:</u>	Surface - general		anii saniili	B. C.	mideochion	Unknown	Unknown
23PO388	7	Surface - Repetal	~	Unchestined	2710		Americ Tate - Woodland	Dart point
23PO388	1.5	Surface - general	_	Kings Corner Notched	Dard potes	in a second		Unknown
23PO388	9-1	Surface - general	•	Uncheenified	Biface	<u>d.</u>		Thirms
1100188	1.7	Surface - reperal	-	Big Creek	Biface, stemmed	sten E	Archine, Lane	
2300366	. 5	Surface - report	_	Table Rock variant	Biface, stemmed	proximal	Archaic, Late	
99607162	2 9	Surface and a	-	Unchersified	Knife, bifacial	whole	Archaic, Late	
23PO388	<u>.</u>	Surface - general		T Took and Plant	Biface, stemmed	proximal	Archaic, Late - Woodland	Unknown
23P0388	01:1	Surface - Peneral	. .		Riface elemented	neoximal	Archaic, Late	Unknown
23PO388	1-1	Surface - general			New Merch	, and a	Archaic, Term Woodland	Knife
23PO388	1-12	Surface - general	_	Standice	אשובל מושרפו	4 4	Faculai!	Unknown
23PO388	1-13	Surface - general	-	Unclassified	relora	A BOK	Ministration	Arrow point
2300000	71:	Surface - general	-	Sequoyah variant	Arrow polat	w pole	MC	A remark and a
3100366		Surface - persecut	_	Sequoyah variant	Arrow point	w boke	Messessippi	100
00CD-1C7	? :	1	-	Dickson	Knife, bifacial	whole	Woodland, Middle	Zeite
23PO389	Ξ '	Surface - general	- •	Sep. Sep. Sep. Sep. Sep. Sep. Sep. Sep.	Knife, blincial	whole	Archaic, Term Woodland	Knife
23PO389	1-7	Surface - general	- ,		Knife bifacial	wbok	Woodland	Knife
23PO389	1-3	Surface - Benefal		Obciestica		4043	Archafe, Late - Woodland	Knife
23PO389	7	Surface - Peter ral	_	Kings Corner Notched	Natio, outside	40	Archaic Late	Kaife
23PO389	1.5	Surface - general	_	Unclassified	Ande, ouscal	207		Finkmown
2307380	9	Surface - general	7	Unchestified	Preform	micecton	n and and and and and and and and and an	
100010	, r	Surface . meneral	7	Unclassified	Kaife, bifacial	raidsection	Опклочи	
25C)259		Surface Surface	٠ -	1 Inchestified	Knife, bifacial	distal	Unknown	Kaife
23PO390	=	Surface - Reports			Preform	midsection	Unknown	Unknown
23F0390	7-1	Surface - Peneral	•		Knife Missis	distal	Unknown	Knife
23PO390	1.3	Surface - general	_	TO CONTROL OF	Selection of the select	shole	Unknown	Knife
2370391	Ξ	Surface - general		Understind	אינוני, ואושים	and the section	Archaic?	Unknown
23PO391	1.7	Surface - general	7	Unclassified	Lictoria	-1-1-	4 0 0 1 4 4 0 V	Knife
1200301	=	Surface - general	_	Unclassified	Knile, bilacial	A DOIC		,
100000	: -	Surface - general	-	Fairland	Knife, bifacial	proximal	Archaic, 1.41c	
1600167	<u>.</u>		-	1 Inchessified	Biface, stemmed	proximal	Woodland?	Cuknown
23PO391	?	Surface - general			Biface	midsection	Unknown	Unknown
23PO391	9-	Surface - general	7	Tall and the same of the same	January III-1	midsection	Unknown	Perforating
23PO391	1-7	Surface - Beneral	-	Unclassified		midention	Unknown	· Unknown
23PO394	1.5	Surface - general	25	Upclassitied	relota	alesti.	Woodland?	Unknown
23PO394	9-	Surface - general		Unclassified	Perora	¥ 100 €		Woodworking
31D/304	1.7	Surface - general	-	Unclassified	Adze	distal	CHANGE	

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Site No.	Cat. No.	Provenience	2	Type Name	Artifact Description	Fortion	Cultural Artilition	TOTAL LANGUE
23PO394	1.8 8.1	Surface - general	1	Unchesified	Adre	distal	Woodland?	Woodworking
23PO394	6-1	Surface - general	•	Unclassified	Scraper, fake	N/A	Woodland?	Scraper
23PO394	01-1	Surface - general	_	Unclassified	Scraper, bifacial end	dista[Woodland, Middle	Scraper
23PO394	11-11	Surface - general	13	Unclassified	Knife, bifacial	midsection	Unknown	Knife
23PO394	1:13	Surface - procrai	1.	Unclessified	Kalfe, bifacial	ţį	Unknown	Kaife
23FO394	1-13	Surface - general	-	Unclassified	Knife, bifacial	midsection	Archaic, Early	Knife
23PO394	1-14	Surface - general	۳	Unclassified	Biface, stemmed	stem	Unknown	Unknown
23PO394	1-15	Surface - general	-	Uncheesified	Preform	whole	Unknown	Unknown
23PO394	1-16	Surface - general	_	Unclessified	Preform, aborted	whole	Unknown	Unknown
23PO394	1.17	Surface - general	_	Unclassified	Scriper, Macial end	distal	Woodland	Scraper
23PO394	1-18	Surface - general		Ueclassified	Biface	midection	Unknown	Unknown
23PO394	1-19	Surface - general	-	Jakie	Knife, bifacial	proxima!	Archaic, Middle	Kaife
23PO394	1-30	Surface - general	~	Jakie	Knife/somper	whole	Archaic, Middle	Kaife
23PO394	17-1	Surface - general	-	Jakie	Buria	proximal	Archaic, Middle	Engraving
23PO394	1-22	Surface - general	-	While River	Knife, bifacial	proximal	Archaic, Middle	Kaife
23P7394	1.23	Surface - general	-	Waubesa	Knife, bifacial	proximal	Woodland	Knife
23PO394	7.1	Surface - general	-	Unclassified	Biface, stemmed	proximal	Unknown	Unknown
23PO394	1.25	Surface - general	-	Unclassified	Kalfe/scraper	proximal	Woodhad	Kaife
23PO394	97-1	Surface - general	_	Smith	Knife, bifacial	whole	Archaic, Late	Knife
23PO394	1.11	Surfrice - general	-	Dickson	Knife, bifacial	whole	Woodland, Middle	Knife
23PO394	1.28	Surface - general	1	Table Rock Stemmed	Knife, bifactal	proximal	Archaic, Late	Kaife
23PO394	1-29	Surince - general	-	Steuben variant	Knife, bifacial	promisel	Woodland, Middle - Late	Kalfe
23PO394	1.30	Surface - general	-	Steuben variant	Knife, bifacial	whole	Woodland, Middle - Late	Knife
23PO394	16-3	Surface - general	-1	White River	Knife, bifacial	proximal	Archaic, Middle	Knife
23PO394	1-32	Surface - general		White River variant	Projectile point/truife	proximal	Archaic, Middle	Dart point
2370394	1-33	Surface - general	_	Duncan	Projectile polatikaife	whole	Archaic, Late	Dart polat
23PO394	<u>ㅈ</u>	Surface - general	-	Steuben	Biface, stemmed	whole	Woodland, Middle - Late	Unknown
23PO394	1.33	Surface - general	-	Rice Side Pariched	Kaife, bifacial	proximal	Woodland, Late	Knife
23PO394	25.1	Surface - general		Rice Side Notched	Knife, bifacial	proximal	Woodland, Late	Knife
23PO394	1.37	Surface - general	-	Rice Side Notched	Dart point	whole	Woodland, Late	Dart polat
23PO394	1.36	Surface - general	-	Seuben	Biface, stemmed	proximal	Woodland, Middle - Late	Unknown
23PO394	1.39	Surface - general	-	Steuben variant	Knife, bifacial	whole	Woodland, Middle - Late	Knife
23PO394	04-1	Surface - general	₩	Rice Side Notched	Dart point	whole	Woodland, Late	· Dart point
23PO394	1-41	Surface - general	-	Rice Side Norched	Knife, bifacial	proximal	Woodland, Late	Knife
10000000	. 7	Surface - peneral	_	Rice Side Notched	Projectile point/taife	proximal	Woodland Cafe	Kaife

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23PO394 1-45 23PO394 1-45 23PO394 1-45 23PO394 1-47 23PO394 1-47 23PO394 1-48 23PO394 1-89 23PO394 1-89 23PO394 1-80	Surface - general Surface - general Surface - general	- -	[]act semiford	Knife, bifacial	whole	Woodland	Knife
	Surface - general Surface - general	-	CINTERNATION				
	Surface - general		Unclassified	Preform	proximal	Woodland?	Unknown
			Unchestified	Projective polnutalite	whole	Woodland?	Dart point
			Unclassified	Preform	whole	Woodland : Missiesippi	Unknown
	Surface - general		Sallisaw variant	Arrow point	whole	Mississippi	Arrow point
	Surface - general	_	Keota	Arrow point	whole	Mississippi	Arrow point
	Surface - general	-	Huffaker	Arrow point	whole	Missiesippi	Arrow point
_	Surface - general		Road	Arrow point	whole	Mississippi	Arrow point
	Surface - general	-	Scallora eddy	Arrow point	wbole	Woodland, Late-Mississipp	Arrow point
23PO394 1-52	Surface - general	-	Scallora eddy	Arrow point	whole	Woodland, Late-Missiesipp	Arrow point
23PO394 1-53	Surface - general	-	Scallora coryell	Arrow point	proximal	Woodland, Late-Missiesipp	Arrow point
23PO394 1-54	Surface - general	-	Scallora	Arrow point	proximal	Woodland, Late-Mississipp	Arrow point
23PO394 1-55	Surface - proeral	_	Scattorn?	Arrow point	proximal	Woodland, Late-Mississipp	Arrow point
23PC394 1-56	Surface - general	-	Fresno	Arrow polat	proximal	Late Prehistoric	Arrow point
23PO394 1-57	Surface - general	-	Undassified	Knife, bifacia!	distal	Usknown	Kaife
23PO395 1-2	Surface - general	-	Dickson	Knife, bifacial	proximal	Woodland, Midd. :	Knife
23PO395 1-3	Surface - general	7	Unclassified	Preform	2 <mark>8</mark> 2	Unknown	Unknown
23PO395 1-4	Surface - general	80	Unclassified	Knife, bifacial	midsection	Unknown	Knife
23PO395 1-5	Surface - general	'n	Unclassified	Knife, bifacial	distal	Unknown	Knife
23PO395 1-6	Surface - general	-	Lander Corner Notched	Knife, bifactal	whole	Woodland	Knife
23PO395 1-7	Surface - general	_	Unclessified	Biface, stemmed	proximal	Woodland	Unknown
23PO395 1-8	Surface - general	_	Schild	Arrow point	whole	Woodland, Late.	Arrow point
2380395 1.9	Surface - general	_	Lander Corner Notched	Knife, bifacial	proximal	Woodland	Kaife
23PO395 1-10	Surface - general	-	Table Rock Pointed Stem	Projectie polnt/knife	proximal	Woodland, Late-Missiestpp	Dart point
23PO395 1-11	Surface - general	-	Upc. swifted	Knife, bifaclal	whole	Woodland	Knife
23PO395 1-12	Surface - general	-	Stone Corner Notched	Knife, Macial	proximal	Archafe, Late	Knife
23PO395 1-13	Surface - general	-	Rice Side Notched	Dart point	proximal	Woodland, Late	Dert point
23PO395 1-14	Surface - general	-	Rice Side Notched variant	Knife, bifacial	whole	Woodland, Late	Knife
23PO395 1-15	Surface - general	-	Unclassified	Biface, stemmed	proximal	Woodland	Unknown
23PO395 1-16	Surface - general	-	Unclassified	Preform	dista	Woodland?	Unknown
23PO395 1-17	Surface - general	-	Undeswifted	Preform, aborted	whole	Unknown	Unknown
23PO395 1-18	Surface - general	-	Sedalia digger	Hoe, chipped	whole	Archaic, Late	Digging
23PO396 [-1	Surface - general	-	Fresno	Arrow point	whole	Late Prehisioric	Arrow point
23PO396 1-2	Surface - general	4	Unclassified	Preform	misc.	Unknown	Unknown
23PO396 1-3	Surface - general		Undersified	Knife, bifacial	midsection	Unknown	Kaife

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23PO397		Surface - general	-	Dicheon content	Kaife, bifacial	proximal	Woodland, Middle?	Knife
	Ξ			CACESOR VENERAL				
2380397	1.2	Surface - general	_	Table Rock variant	Biface, stemmed	proximal	Archaic, Late	Unknown
23PO397	1.3	Surface - general	7	Unclassified	Preform	enisc.	Unknown	Unknown
23PO397	1	Surface - general	-	Unclassified	Knife, bifacial	lesip	Unknown	Knife
23PO410	1:1	Surface - general		Unclassified	Kaife, bifacial	midsection	Unknown	Knife
2350410	1.2	Surface - general		Unchessified	Preform, aborted	proximal	Unknown	Unknown
2370411	<u>:</u>	Surface - general	_	Unclassified	Preform	whole	Unknown	Unknown
2380411	1.2	Surface - general		(Indextified	Preform	distal	Unknown	Unknown
2370412	=	Surface - general	-	Unclassified	Kalfe, flake	N/A	Unknown	Kaife
23FO412	1:2	Surface - general	_	Kings Corner Nouched	Knife, bifacial	proximal	Archaic, Late - Woodland	Kaife
23PO412	€:1	Sarface - general	-	Big Creek	Projectile point/knife	proximal	Archaic, Late	Dart point
23PO412	7	Surface - general		Unclessified	Preform	wboke	Woodland?	Arrow point preform
23PO412	₹.	Surface - general	-	Table Rock Stemmed	Biface, stemmed	stem	Archaic, Late	Unknown
23PO412	9-	Surface - general	••	Sallican	Arrow point	proximal	Missibsippi	Arrow point
23PO412	1.7	Surface - general	-	Scrittorn	Arrow point	proximal	Woodland, Late-Mississipp	Arrow point
23PO412	€	Surface - general	,	'Jackesified	Arrow point	distal	Mississippi?	Arrow potat
23PO412	6-1	Surface - general	_	Unclassified	Knife, bifacia!	distal	Unknown	Kaife
23PO415	1-1	Surface - general	-	Unchassified	Knife, bifacial	wbok	Unknown	Kalfe
23PO415	1-2	Surface - general	_	Unchessified	Preform	whole	Unknown	Caknown
23PO415	2	Surface - general	7	Unclassified	Kaife, bifacial	distal	Unknown	Knife
23PO415	7	Serface - general	•	Unchessified	Preform	midsection	Unknown	(Jaknowa
23PO415	<u>5.</u>	Surface - general		Undassified	Preform	proximal	Unknown	Unknown
23PO415	9	Surface - general		Unclassified	Preform	proximal	Unknown	Unknown
23PO416	1:1	Surface - general	-	Stone Corner Notched?	Biface, stemmed	proximal	Archalc, Late	Unknown
23PO416	1-2	Surface - general	٠	Unclassified	Kaife, bifacial	dista	Unknown	Kaife
23PO416	1.3	Surface - general	1	Scallorn eddy	Arrow point	whole	W. odland, Late-Mississipp	Arrow point
23PO416	<u> </u>	Surface - general		Scallora	Arrow point	proximal	Woodland, Late-Mississipp	Arrow point
23PO416	1.5	Surface - general	-	Sequoyah	Arrow point	proximal	Mississippi	Arrow point
23PO416	91	Surface - general	_	Huffaker variant	Arrow point	whole	Mississippi	Arrow point
23PO416	1-1	Sirrlace - general	-	Undersified	Knife, bifacial	proximal	Unknown	Knife
23PO416	1	Surface - general	•••	Big Creek?	Biface, stemmed	proximal	Archaic, Late?	Unknown
23PO416	6-1	Surface - general	-	Unclassified	Biface, stemmed	proximal	Unknown	Unknown
23PO416	1-10	Surface - general	-	Upclassified	Knife, bifacial	midsection	Unknown	Knife
23FO417	-	Surface - general	-	Unclassified	Kaife, bifacial	whole	Unknown	Knife
23PO417	1-2	Surface - general	_	Stone Comer Notched	Biliac, stemmed	proximal	Archaic, Late	Unknown

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Site No.	Cet 76.	Provenience	ל	ype Mame	Artifact Description	Fortion	Cultural Actilition	
23PO417	1-3	Surface - general	-	Unclassified	Preform	proximal	(Inknown	Unknown
23FO417	7	Surface - general	-	Unclassified	Preform	proximal	Unknown	Unknown
23PO417	<u>5-1</u>	Surface - general		Unclassified	Preform	proximal	Unknown	Unknown
23PO418	1-1	Surface - general		Delton	Kaife, bifacial	proximal	Archaic, Early	Knife
23PO418	1.7	Surface - general	_	Unclassified	Drill, bifadal	midsection	Unknown	Perforating?
23PO418	<u>E.</u>	Surface - general	-	Unclassified	Kaife, bifacial	midsection	Archaic, Early	Knife
23PO418	7	Surface - general	_	Kings Cerner Notched	Kaife, bifacial	proximal	Archaic, Late - Woodland	Kaife
23PO418	1.5	Surface - general	-	White River variant	Dart point	SPETIT	Archaic, Middle	Dart point
23PO418	91	Surface - general	7	Unclassified	Preform	proximal	Unknown	Unknown
23PO418	1.7	Surface - general	ĸ	Unchassified	Kaife, bifacial	mideection	Unknown	Kaife
23PO419	1.2	Surface - general	-	Unchessified	Arrow point	wbole	Missierippi	Arrow point
23PO419	£:1	Surface - general	-	Unclassified	Biface, stemmed	proximal	Woodfand, Middle	Unknown
23PO419	7	Surface - general	7	Unclassified	Preform	midsection	Unknown	Unknown
23PO419	1:5	Surface - general	-	(Inclassified	Biface, stemmed	proximal	Unknown	Unknown
23PO419	91	Surface - general	_	Unclassified	Knife, bifacial	midsection	Unknown	Knife
23PO419	1:1	Surface - general	-	Unclassified	Kaife, bifacial	distal	Unknown	Kaife
23PO420	1-3	Surface - general	-	Harabey Knife	Knife/scraper	distal	Mississippi	Kaife
23FO420	1-3	Surface - general	-	Unclassified	Kaife, bifacial	midrection	Unknown	Knife
23PO420	7	Surface - general	-	Dickson	Kaife, bifacial	whole	Woodland, Middle	Kaife
23PO420	1.5	Surface - general	-	Unclassified	Kaife, bifacial	proximal	Woodland?	Knife
23PO420	9	Surface - general	-	Unclassified	Knife, flake	K/A	Unknown	Knife
23PO420	1-7	Surface - general	•	Unclassified	Preform	proximal	Unknown	Unknown
23PO420	•	Surface - general	14	Kings Corner Notched var.	Knife/soraper	whole	Archaic, Late - Woodland	Somper
23PO420	6-1	Surface - general	-	Unclassified	Kaife, bifacial	distal	Unknown	Knife
23PO420	1.10	Surface - general	-	Unclassified	Biface, unsternmed	proximal	Unknown	Unknown
23PO420	11-11	Surface - general	-	Scallors?	Arrow point	proximal	Woodland, Late-Mississipp	Arrow point
23PO420	1-12	Surface - general	-	Scallora coryell	Arrow point	whole	Woodland, Late-Mississipp	Arrow point
23PO421	-:-	Surface - general	-	Senith	Knife, bifacial	whole	Archaic, Late	Knife
23PO421	1-2	Surface - general	_	Smith variant	Knife, bifacial	whole	Archalc, Late	Knife
23PO421	1.3	Surface - general	7	Unclassified	Knife, bifacial	dista (Unknown	Knife
23PO421	7	Surface - general	-	Unclassified	Preform	midsection	Unknown	Unknown
23FO422	1-1	Surface - general	-	Unclassified	Preform, aborted	whole	Unknowa	Unknown
23FO422	1-3	Surface - general	_	Snyders	Projectile point/knife	proximal	Woodland, Middle	. Knife
23PO422	<u>-</u>	Surface - general	4	Unclassified	Preform	distal	Unknown	Unknown
		The state of the state of	•	Land and Carl	Valle bilenial	dien	17.00000	:

APPENDIX B

Carlo R. Strictor				2	Tyre Name	Artifact Description	Longon		V-16
14 Suffice general Sundice Kalfe, bleesid whole Archie, Term. Woodland Las Midnesseried Kalfe, bleesid whole of the Suffice general 1 Sundice Kalfe, bleesid polithetic general 1 Underselfed Kalfe, bleesid polithetic whole Woodland, Las Midnesseried Kalfe, bleesid polithetic whole Woodland Las Midnesseried Kalfe, bleesid midneschen Unknown 1 Lagyre Raffe, bleesid whole Woodland Las Midnesia pp 2 Laz Surface general Underselfed Arraw point whole Woodland Las Midnesia pp 2 Laz Surface general Ladyrew Park Arraw point whole Woodland Las Midnesia pp 2 Laz Surface general Ladyrew Park Arraw point whole Woodland Las Midnesia pp 2 Laz Surface general Ladyrew Park Arraw point whole Woodland Las Midnesia pp 2 Laz Surface general Ladyrew Ladyre Raffe, bleesid midsteried Raffe, bleesid midsteried Raffe, bleesid midsteried Proximal Underselfed Raffe	Site No.	Cat. No.	Provedence	ارً	371	Projectile point/knife	provimal	Woodiand, Middle	
1.7 Surface general 1 Standor Kalife, bliesial distal Woodland! Table Rock Pointed Sem Raife, bliesial grain Woodland! Last Province prominal Unknown (Internet Unknown Raife, bliesial whole Unknown (Internet Unknown Raife, bliesial whole Unknown (Internet Unknown Raife, bliesial whole distal Chancon (Internet Unknown Raife, bliesial whole distal Chancon (Internet Unknown Raife, bliesial Proform whole Unknown (Internet Unknown Unknown (Internet Unknown Raife, bliesial Proform whole Wholined Markethyl Raife (Internet Raife) Raife bliesial Raife (Internet Raife, bliesial Raife (Internet Raife) Raife (Internet Raife) Raife (Internet Raife) Raife (Internet Raife) Raife (Internet Raife, bliesial Raife (Internet Raife, bliesial Raife (Internet Raife, bliesial Raife (Internet Raife, bliesial	PO422	9-1	Surface - general	_	Suyocis	10 mm 2 mm	- الم	Archaic, Term Woodland	Kaife
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1-10 Surface general Undescribed Kaith Universal Woodmark Unknown	PO422	1 00	Surface - Scholat	•	The state of the s	Projectile rodat/knife	proximal	Woodland, Late-Mississipp	
1.10 Surface general Undeswilted Multi-Cariest Products Woodland	PO422	6:1	Surface - general		Love Rock Follited Steam	lefter Head	apole	Unknown	Kaife
1.11 Surface general I Undeseiffed Kalif, bifecial processes 1.12 Surface general I Undeseiffed Kalif, bifecial processes 1.13 Surface general I Undeseiffed Kalif, bifecial processes 1.14 Surface general I Table Rook Pointed Stem Biface, stemmed proximal Archaic, Late. Woodland, Late Mississipp 1.15 Surface general I Table Rook Pointed Stem Biface, stemmed proximal Archaic, Late. Woodland 1.16 Surface general I Undeseiffed Preform whole Unknown Unknown 1.17 Surface general I Undeseiffed Preform whole Unknown 1.18 Surface general I Undeseiffed Preform borond whole Unknown 1.19 Surface general I Undeseiffed Preform proximal Woodland Archaic, Late Unknown 1.10 Surface general I Undeseiffed Preform proximal Woodland Archaic, Late Mississipp 1.12 Surface general I Undeseiffed Arrow point whole Woodland Archaic, Late Mississipp 1.13 Surface general I Undeseiffed Arrow point whole Woodland Arrow point whole Woodland Arrow point whole Woodland Arrow point whole Woodland Late Mississipp 1.15 Surface general I Suliner onyell Arrow point whole Woodland Late Mississipp 1.16 Surface general I Suliner onyell Arrow point whole Woodland Late Mississipp 1.17 Surface general I Suliner onyell Arrow point whole Woodland Late Mississipp 1.18 Surface general I Suliner onyell Arrow point whole Woodland Late Mississipp 1.19 Surface general I Suliner onyell Arrow point whole Woodland Late Mississipp 1.10 Surface general I Suliner onyell Arrow point whole Woodland Late Mississipp 1.11 Surface general I Undeseiffed Kalif, bifecial official Unknown Unitered Preform Proximal Uniterested Sulface general I Undeseiffed Kalif, bifecial official Uniterested Proform Surface general I Undeseiffed Raif, bifecial proximal Uniterested Proform Surface general I Undeseiffed Raif, bifecial proximal Uniterested Proform Surface general I Undeseiffed Raif, bifecial Proform Brook Woodland Late Mississipp 1.10 Surface general I Undeseiffed Raif, bifecial Proform Brook Woodland I Uniterested Proform Woodland I Uniterested Proform Brook Woodland I Uniterested	600	1.10	Sarface - general		Unchessified	Name, or see		Woodland?	Kaife
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1.25 Surface general 1 Sallicaw variant Arrow point whole Mississippi 1.26 Surface general 1 Scallora coryell Arrow point whole Woodland, Late-Mississippi 1.27 Surface general 1 Scallora coryell Arrow point whole Woodland, Late-Mississipp Arrow point Woodland, Late-Mississipp Arrow general I Undassified Kniffe, bifacial proximal Unknown Unknown Unknown Unknown Preform, aborted proximal Unknown Unkno	F0422	4		•	I factorified	Arrow point	a bok	MISSENDE	
1.25 Surface general 1 Sallicaw viriant Arrow point proximal Woodland, Late-Missishpp 1.27 Surface general 1 Scallora corpell Arrow point whole Woodland, Late-Missishpp 1.28 Surface general 1 Scallora corpell Arrow point whole Woodland, Late-Missishpp 1.29 Surface general 1 Scallora corpell Arrow point whole Woodland, Late-Missishpp 1.30 Surface general 1 Scallora cody Arrow point whole Woodland, Late-Missishpp 1.31 Surface general 1 Scallora Charlora proximal Woodland, Middle Middle Surface general 1 Dickson Raife, bifacial whole Woodland, Middle Arrow point Surface general 1 Unclassified Knife, bifacial proximal Unknown Unclassified Knife, bifacial middection Unknown Unclassified Rife, bifacial proximal Unknown Unclassified Rife, bifacial proximal Unknown Unknown Unclassified Rife, bifacial proximal Unknown Unclassified Rife, bifacial proximal Unknown Unknown Unclassified Rife, bifacial proximal Unknown Unknown Unclassified Rife, bifacial proximal Unknown Unknown Unknown Unknown Preform, aborted proximal Unknown	SPO422	1.23	Surface - Beneral	-		A cover, explor	wbole	Mississippi	Arrow point
1.27 Surface greeral 1 Scallorn coryell Arrow point whole Woodland, Late-Missisapp 1.28 Surface greeral 1 Scallorn coryell Arrow point whole Woodland, Late-Missisapp 1.29 Surface greeral 1 Scallorn coryell Arrow point whole Woodland, Late-Missisapp 1.30 Surface greeral 1 Scallorn eddy Arrow point whole Woodland, Late-Missisapp 1.31 Surface greeral 1 Scallorn Eddy Arrow point whole Woodland, Late-Missisapp 1.32 Surface greeral 1 Surface greeral 1 Dickson Biface, stemmed proximal Whole Woodland, Middle Missice greeral 1 Undessified Knife, bifacial midection Unknown Unknown 1 Surface greeral 2 Undessified Knife, bifacial proximal Unknown 1 Unclassified Riface, unstemmed proximal Unknown Unknown 1 Unknown 1 Unclassified Riface, unstemmed proximal Unknown Unknown Unknown 1 Unknown	100477		Surface - general	-	Sallisaw variant	TO MORE	101	Woodland Late-Mississipp	Arrow point
Scallorn coryell Arrow point whole Woodland, Late-Missisapp 1-28 Surface general 1 Scallorn coryell Arrow point whole Woodland, Late-Missisapp 1-30 Surface general 1 Scallorn cddy Arrow point whole Woodland, Late-Missisapp 1-31 Surface general 1 Scallorn Arrow point whole Woodland, Late-Missisapp 1-32 Surface general 1 Scallorn Arrow point whole Woodland, Late-Missisapp 1-32 Surface general 1 Dickson Raife, bifacial whole Woodland, Middle 1-3 Surface general 1 Unclassified Knife, bifacial circus arribes general 1 Unclassified Knife, bifacial proximal Unknown 1-3 Surface general 2 Unclassified Knife, bifacial proximal Unknown 1-4 Surface general 1 Unclassified Knife, bifacial proximal Unknown 1-5 Surface general 1 Unclassified Knife, bifacial proximal Unknown 1-6 Surface general 1 Unclassified Knife, bifacial proximal Unknown 1-7 Surface general 1 Unclassified Knife, bifacial proximal Unknown 1-7 Surface general 1 Unclassified Knife, bifacial proximal Unknown 1-7 Surface general 1 Unclassified Preform, aborted proximal Unknown			Curdance . establish	_	Scallora coryell	Arrow point	Moderate		Arrow noint
1-29 Surface general 1 Scallora coryell Arrow point whole Woodland, Late-Mississipp 1-29 Surface general 1 Scallora coryell Arrow point whole Woodland, Late-Mississipp 1-30 Surface general 1 Scallora Arrow point whole Woodland, Late-Mississipp 1-31 Surface general 1 Scallora Arrow point proximal Woodland, Late-Mississipp 1-32 Surface general 1 Dickson Kaife, bifacial proximal Unknown 1-3 Surface general 1 Unclassified Kaife, bifacial midsection Unknown 1-3 Surface general 1 Unclassified Kaife, bifacial proximal Unknown 1-3 Surface general 1 Unclassified Kaife, bifacial proximal Unknown 1-4 Surface general 1 Unclassified Kaife, bifacial proximal Unknown 1-5 Surface general 1 Unclassified Raife, bifacial proximal Unknown 1-7 Surface general 1 Unclassified Preform, aborted proximal Unknown 1-8 Surface general 1 Unclassified Preform, aborted proximal Unknown	22.5			•	Sealing morell	Arrow point	arboje a	Woodiling, Late-Internation Py	
Scullora Correct Perental I Scullora Correct Acrow point whole Woodland, Late-Mississipp Acrow point Proximal Woodland, Middle Dickson Raife, bifacial proximal Unknown Unknown Unclassified Knife, bifacial proximal Unknown Unknown Unclassified Raife, bifacial proximal Unknown Unknown Unknown Unclassified Raife, bifacial proximal Unknown	3FO422		Surface - Repertal	-		Arms colot	* bok	Woodland, Late-Mississipp	Arrow poin
1-30 Surface general 1 Scallora eddy Arrow point whole Mississippi 1-31 Surface general 1 Reed variant Arrow point whole Woodland, Late-Mississipp 1-32 Surface general 1 Dickson Knife, bifacial whole Woodland, Middle 1-2 Surface general 1 Undessified Knife, bifacial proximal Unknown 1-3 Surface general 2 Unclassified Knife, bifacial proximal Unknown 1-4 Surface general 1 Unclassified Knife, bifacial proximal Unknown 1-5 Surface general 1 Unclassified Rnife, bifacial proximal Unknown 1-7 Surface general 1 Unclassified Rnife, bifacial proximal Unknown 1-8 Surface general 1 Unclassified Preform, aborted proximal Unknown 1-9 Surface general 1 Unclassified Preform, aborted proximal Unknown	3PO422		Surface - general	_	Scallora conyen		a land	Woodland, Late-Mississipp	Arrow point
1-31 Surface general I Reed variant Arrow point whole Woodland, Late-Mississipp 1-32 Surface general I Scallora Arrow point proximal Woodland, Middle 1-1 Surface general I Smith Biface, stemmed proximal Unknown 1-2 Surface general I Unclassified Knife, bifacial proximal Unknown 1-3 Surface general I Unclassified Knife, bifacial proximal Unknown 1-4 Surface general I Unclassified Knife, bifacial proximal Unknown 1-5 Surface general I Unclassified Knife, bifacial proximal Unknown 1-7 Surface general I Unclassified Rife, bifacial proximal Unknown 1-8 Surface general I Unclassified Preform, aborted proximal Unknown 1-8 Surface general I Unclassified Preform, aborted proximal Unknown	200773		Surface - general	-	Scallora eddy	Arrow Pours	1	Missirainai	Arrow poin
1-31 Surface general 1 Scallora Arrow point proximal Woodland, Late-Mississipp Arrow point proximal Woodland, Late-Mississipp Arrow point by Surface general 1 Dickson Knife, bifacial proximal Unknown	3250			-	Reed variant	Arrow point	SICOLA	and account	
1-32 Surface general 1 Dickson Knife, bifacial whole Woodland, Middle 1-2 Surface general 1 Undessified Knife, bifacial proximal Unknown 1-3 Surface general 1 Undessified Knife, bifacial midection Unknown 1-4 Surface general 2 Unclassified Knife, bifacial midection Unknown 1-5 Surface general 1 Unclassified Knife, bifacial proximal Unknown 1-6 Surface general 1 Unclassified Knife, bifacial proximal Unknown 1-7 Surface general 1 Unclassified Riface, unstemmed proximal Unknown 1-8 Surface general 1 Unclassified Preform, aborted proximal Unknown	3PO422		Surface - Concist			Arrow point	proximal	Woodland, Late-Mississipp	mod work
1-1 Surface general 1 Dickson Unknown Unknown Unknown Unchassified Knife, bifacial Unchassified Knife, bifacial Unchassified Unchassified Knife, bifacial Woodinal Unknown U	320422		Surface - Reperal	-	SCALIOITE		whole	Woodland, Middle	Kajće
1-2 Surface general I Smith Editoc, stemmon proximal Unknown 1-3 Surface general I Unclassified Knife, bifacial midection Unknown 1-5 Surface general 2 Unclassified Knife, bifacial midection Unknown 1-7 Surface general I Unclassified Knife, bifacial proximal Unknown 1-7 Surface general I Unclassified Riface, unstemmed proximal Unknown 1-8 Surface general I Unclassified Preform, aborted proximal Unknown Unknown	320423		Surface - general		Dickson	News Constitution	lantia car	Archaic, Late	Unknown
1-4 Surface - general Unclassified Knife, bifacial proximal Unknown 1-5 Surface - general Unclassified Knife, bifacial midecetion Unknown 1-7 Surface - general Unclassified Knife, bifacial proximal Unknown 1-7 Surface - general Unclassified Riface, unstemmed proximal Unknown 1-8 Surface - general Unclassified Preform, aborted proximal Unknown Unkno	1000		Surface - peperal	_	Serich	Betace, stemmon		Tabond 1	Kaife
1-4 Surface general 4 Unclassified Knife, bifacial distal Unknown 1-5 Surface general 2 Unclassified Knife, bifacial midection Unknown 1-6 Surface general 1 Unclassified Knife, bifacial proximal Unknown 1-7 Surface general 1 Unclassified Riface, unstemmed proximal Unknown 1-8 Surface general 1 Unclassified Preform, aborted proximal Unknown				-	Unclassified	Kaife, Miscial	proximal	CRETTONE	<u> </u>
1.5 Surface general 4 Unclassified Knife, bifacial midsection Unknown 1.6 Surface general 1 Unclassified Knife, bifacial proximal Unknown 1.7 Surface general 1 Unclassified Riface, unstemmed proximal Unknown 1.8 Surface general 1 Unclassified Preform, aborted proximal Unknown	3PO423		Surface - Benefit	- •		Knife, bifacial	distal	Unknown	Nation 1
1-6 Surface general 2 Unclassified Knife, bifacial proximal Unknown 1-7 Surface general 1 Unclassified Riface, unstemmed proximal Unknown 1-8 Surface general 1 Unclassified Preform, aborted proximal Unknown	320423		Surface - general	₹	DUCKE STORY	V-ife Niferial	midsection	Unknown	Kaife
1-7 Surface general Unclassified Knife, bilactal proximal Unknown 1-8 Surface general Unclassified Preform, aborted proximal Unknown 1-8 Surface general Unclassified Preform, aborted proximal Unknown	2 DO 47 1		Surface - general	7	Unclassified	Name of the		Escalo	Knife
1-7 Surface general Unclassified Riface, unstemmed proximal Unknown 1-8 Surface general Unknown 1 Unitarified Preform, aborted proximal Unknown	200		1 1 1	_	Unclassified	Knife, bilacial	proximal		England all
[-8 Surface general 1 Universified Preform, aborted proximal Unknown	3PO42	_	Surface - Briteral		The Property of	Biface, unstemmed	proxima	(Jaknown	
(hall-saifred irretorn, aconton	35042	_	Surface - general	-	()DCIESTING		- Table 1	Unknown	Unknown
			Confere and Confered	_	Un. Lessified	Prelorm, stortes	1		

APPENDIX B
Stone tools collected by Howard Wimmer

Site No.	Cat. No.	Provenience	5	Type Name	Artifact Description	Rution	Cultural Affilition	Primary Function
23PO424	1:1	Surface - general	_	Fairland	Knife, bifactal	proximal	Archaig Lete	Knife
23FO424	1-2	Surface - general	-	Table Rock variant	Dart point	proximal	Archaic, Leie	Dart point
23PO424	1-3	Surface - general	-	Big Creat	Knile/scraper	whole	Archaic, fate	Knife
23PO424	7.	Surface - general	-	Stone Corner Notched	Biface, stemmed	proximal	Archaic, Late	Unknown
23FO424	1.5	Surface - general	7	Unclassified	Keife, bifacial	distal	!Jaknown	Kaife
23F0424	9-1	Surface - general	~	Uncircuified	Kaife, bifacial	midsection	(Intrown	Kaife
23FO425	1-1	Surface - general	-	Unclassified	Dart polat	midsection	(Jakmown	Dart point
2320425	1.2	Surface - general	•	(Inclassified	Preform	mkc	Unknown	Unknown
23PO425	1.3	Surface - general	_	Unclassified	Biface, unsternmed	proximal	Archaic, Late?	Unknown
23FO430	1:1	Surface - general	_	Stone Corner Notched	Kaife, bifacial	whole	Archaile, Late	Knife
23PC.430	1.2	Surface - general	-	Dickson	Kaife, bifacial	Sychological	Woodland, Middle	Knife
23PO433	1-1	Surface - general	-	Unclassified	Biface, stemmed	proximal	Unknown	Unknown
23PO433	1-2	Surface - general	7	Undarvifled	Biface	distal	Unknown	Unknown
23PC434	1-1	Surface - general	-	Unchestified	Kuife, Nifacial	midsection	Unknown	Knife
23PO435	1:1	Surface - general	-	Hence	Knife, bifacial	whole	Archaic, Late	Knife
23PO435	1.2	Surface - general	•	Undessified	Kaife, bifacial	mbc.	Unknown	Kaife
23PO435	1-3	Surface - general	-	Undestified	Blank	whole	Unknown	Unknown
23PO435	7	Surface - general	-	Unchessified	Black	distal	Unknown	Unknown
23PO440	1-1	Surface - general	-	Whire River	Projectile point/knife	whole	Archaic, Middle	Dart point
23F0443	1.2	Surface - general	-	Table Rock Pointed Stem	Kulfe, bifacial	whole	Woodland, Late-Mississipp	Kaife
23PO443	1.3	Surface - general		Unclassified	Preform, aborted	whole	Unknown	Unknown
23PO443	7	Surface - general	-	Uschessified	Kaife/scraper	whole	Unknown	Knife
23PO443	1.5	Surface - general	714	Unclassified	Stank	whole	Unimown	Unknown
23PO446	1-1	Surface - general		Understiled	Dert polet	whole	Woodland?	Dart point
23PO446	1.2	Surface - general	p.1	Undersified	Billace, s'emmed	stem	Archaic, Late	Unknown
23PO446	£-1	Surface - general	•4	Unclassified	Preform	proximal	Caknown	Unknown
23PO451	1-1	Surface - general	-	Unclassified	Black	proximal	Unknown	Unknown
23PO451	1-2	Surface - general	_	Undersified	Krife, bifocial	proximal	Unknown	Kaife
23PO451	1-3	Surface - peneral	7	Unclassified	Biface	mideochia	[Johnson	Linknown

APPENDIX B Stone tools collected by Howard Wimmer

23CE436 1-1 23CE447 1-1 23CE447 1-1 23CE448 1-1 23CE448 1-2 23CE448 1-3 23CE448 1-4 23CE448 1-5 23CE448 1-5 23CE448 1-5	Dart point None None None None None None							Rechamend	
	None Reservance None Reservanc					-			MCS: W/DOBE CORING
	Nose Nose Nose Nose					7		Undetermined	Meat w/o bone contact
	None None None			-				Resharpened	None
	None None					-		Undetermined	Meat w/bone contact
	None					-		Undetermined	Meat w/bone contact
								Resharpened	Meat w/bone contact
	None					•		Inidal	Mest w/o bone contact
	None					-		Undetermined	None
	None					_		Undetermined	None
_	None					(1 1		Undetermined	None
	None					-		Initial	None
23CE448 1-8	None					₽ î		Undetermined	Meat w/bone contact
23DAS2 1-1	None							Undeterm-Ined	None
23DAS2 1-2	None					~		Undetermined	None
23DAS2 1-3	None					1		Initial	None
23DA52 1-4	None					1		Undetermined	None
23DA63 1-1	None							Undetermined	None
23DA63 1.2	None					1		Resharpened	None
23DA63 1-3	Nose					1		Undetermined	None
<u> </u>	Nose					-		Undetermined	Meat w/o bone contact
1.5	Nose			-				Undetermined	Meat w/bone contact
9-1	None					1		Undetermined	Meat w/o bone contact
	None			-		1 2		Undetermined	None
23DA85 1-1	None					<u>متن</u>			None
23DA85 1.2	None					-		loitiel	None
<u></u>	None					-		Undetermined	None
7	None					-		Undetermined	Meat w/o bone contact
<u></u>	None	-				2		Undetermined	None
	None					1		Undetermined	Meat w/o bone contact
1-1	None					-		(Indetermined	None
1.2	None							Undetermined	Meat w/o bone contact
I-3	None					-		Undetermined	Meat w/bone contact
7	None					-		Undetermined	None .
23DA339 1-5 t	Note		_					Resharpened	None
23DA344 1-2 P	None					-		Undetermined	None

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Stone tools collected by Howard Wimmer

Site No.	Cat No.	Secondary	Jeff. City	Pierson	Reeds Spr	Elsey	Keokuk	Burlington Unknown	Unknown	SEE	Position in	West Observed
23DA 362	1:1	Note									Resharpened	Meat w/bone contact
23DA362	1.2	None						-			Undetermined	Mest w/o bone contact
23DA362	1.3	None						1			Undetermined	Meat w/o bone contact
23DA 362	ĭ	Perforator	7								Undetermined	None
23DA362	j.5	None						1 3			Undetermined	None
23DA364	1-1	None						-			Undetern incod	Mest w/bone contact
23DA365	1-1	None						-			Undetermined	None
23DA365	1-7	None									Undetermined	None
23DA365	1-3	None						1			Undetermined	None
23DA 365	7	None						_			Undetermined	None
23DA365	1-5	None						-			Resharpened	Mest w/o Yone contact
23DA 365	1.6	Zone.									Resharpened	Mest w/o bone contact
23DA365	1.7	None									Underermined	None
23DA365	e o	None						1			Undetermined	None
23DA365	1.9	None						2 3			Undetermined	None
23DA366	1:1	Nobe						-			Undetermined	Meat w/o bone contact
23DA366	1-2	None									Undetermined	Meat w/o bone contact
23DA366	1:3	Nobe						-			Undetermined	Meat w/bone contact
23DA366	7	None							-		Undetermined	Mest w/o bone contact
23DA 366	1.5	Kaife						-			Resharpened	Meat w/o bone contact
23DA366	9-1	None						-			Reshupened	Meat w/o bone contact
23DA366	1.7	None									Exhausted	Mest w/o bone contact
23DA 366	\$	None						~			Undetermined	Meat w/bone contact
23DA366	1.9	None									Undetermined	Meat w/o bone contact
23DA366	1.10	None									Undetermined	Meat w/o hone contact
23DA366	11:1	Nose						_			Undetermined	None
23DA366	1-12	Noxe						1			Undetermined	Mest w/bone contact
23DA 366	1-13	None						~				None
23DA366	1-14	None						Ţ			Undetermined	None
23DA366	1-13	None	1								Resharpened	Meat w/bone contact
23DA 366	91-1	None						-			Undetermined	Meat w/bone contact
23DA 366	1-12	None						1			Undetermined	None
23DA366	1.18	None						~			Resharpened	Meat w/o bone contact
23DA 366	1-19	None						1			Undetermined	None
23DA365	1-X	None									Undetermined	Meat w/o bone contact

APPENDIX B Stone tools collected by Howard Wimmer

Sire No.	(TE 100	Sectionally	ינון. כווי	200	Kreds Spr	E	Keokuk	Burlangton	Unknown	Sper S	Position in	West Ubserved
23DA366	1.21	Nese						-			Undetermined	Meat w/o bone contact
23DA366	1-22	None						2			Undetermined	None
23DA366	1-23	None						7			Undetermined	None
23DA366	1.2	Nose						1			Undetermined	Meat w/o bone contact
23DA 366	1.23	None						-			Resharpened	None
23DA366	1-26	None						-			Undetermined	None
33DA366	1.27	Hammerstone	-								(Indetermined	None
23DA366	1.28	None						-			Undetermined	Meat w/o bone contact
23DA366	62-1	None						-			Resharpened	Meat w/o bone contact
23DA366	06.1	None						-			Undetermined	Mest w/bose contact
23DA366	1.31	None						1			Undetermined	Mest w/o bone contact
23DA366	1-32	None						-				None
33DA366	1-33	None									Undetermined	None
23DA366	1 .3	None									Undetermined	None
23DA366	1-35	None									Undetermined	None
23DA 366	2 4.	None						4			Undetermined	None
23DA366	1-37	None						-			Undetermined	None
23DA366	9 2	None						-			Undetermined	None
23DA366	1-39	None						4			Undetermined	None
23DA366	1-40	None						4			Undetermined	None
23DA366	1-42	None						22 34			Undetermined	None
33DA366	1.43	None						4			Undetermined	Meat w/o bone contact
23DA366	4-1	None									Undetermined	Meat w/o bone contact
23DA366	5	None						-				Meat w/o bone contact
23DA 366	1.46	None						_			Undetermined	None
23DA366	1-47	None						_			Undetermined	Meat w/o bone contact
33DA366	1.48	Fone						-			Undetermined	Meat w/bone contact
23DA366	1.49	None						3 7			Undetermined	None
23DA367	1-1	Note						~				None
23DA367	1-7	None						u			Undetermined	None
23DA367	1-3	None						1			Undetermined	Meat w/bone contact
23DA367	7.	None	-					~			Undetermined	None
23DA368	1-1	None									Undetermined	Meat w/o bone contact
23DA368	1.2	Scraper									Undetermined	Meat w/bone confact
0/0 / 0/0	•							•				

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S. P. S.	2	Secondary	Jeff. City	Pierron	Roeds Sor	Hery	Keokuk	Burlington	Unknown	Other	Precision in	West Observed
310 A 168								1			Undetermined	Meat w/bone contact
80C V (1C7	<u> </u>	1						-			Undetermined	Meat w/bone contact
23DA 368	1.5	None						- •			T. Leave inch	None
23DA368	9-	Non						-			(:BOENCHIII IBOT	2001
23DA 368	1-1	None						6 4			Undetermined	None
23DA368	\$ -1	Nose							-		Undetermined	No se
23DA 368	0.1	Knife						1			Undetermined	Meat w/bone contact
23DA 368	1.10	- S						-			Undetermined	Kone
23DA 368	11:1	202						-			Undetermined	None
23DA 168	1.12	Scraper									Undetermined	Bone/antler
23DA368	1 5	300						_			Undetermined	None
23DA368	1-14	None						Ţ			Undetermined	Meat w/bone coulact
23DA368	1-15	Nose						-			Exhausted	None
23DA368	91-1	None						-			Undeterritaed	Meat w/bone contact
23DA368	1-17	None						1			Undetermined	Meat w/bone contact
23DA 368	1.18	Symper						#			Undetermined	Meat w/o bone contact
23DA 358	1.19	None						***			Undetermined	Meat w/o bone contact
23DA 368	22	None						-			Undetermined	Meat w/o bone contact
23DA368	1-21	None						F4			Undetermined	Meat w/o bone contact
23DA 368	1-22	None						-			Undetermined	Meat w/bone contact
23DA 368	1.33	Zoge Zoge						_			Undetermined	Meat w/bone contact
23DA368	1.7	None						s,	_		Undetermined	None
23DA 368	1.23	Nose	-								Smittet	Meat w/bone contact
23DA 368	97-1	Zoge Soge						~			Undetermined	Meat w/bonc contact
23DA 368	1-27	None						_			Undetermined	None
23DA 368	1.28	Nose									Undetermined	Meat w/bone contact
23DA 368	1.29	rese									Undetermined	Meat w/bone contact
23DA368	96-1	None						-			Undetermined	None
23DA 368	1-31	None							_		Undetermined	None
23:5A 369	Ξ	None									Undetermined	None
23DA 369	1.2	2002							_		Undetermined	None
23DA 369		2							_		Resharpened	None
037 A CA C	7	200			_						Undetermined	None
23DA 369	· •	200							_		Undetermined	None
110 4 169		N.						•			Undetermined	None
23UA309	<u> </u>	INCINC.							_		Undetermined	Sion
23DA 369	1-7	None										

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Stone tools collected by Howard Wimmer

90	: contact	: contact	: comfact	contact	he contact	he contact	ne contact	confect	: constact	ne contact	ne confact	he confact	ne contact			: contact	: contact	ne contact	he coplact	he contact	ne contact			: confact		: contact	confact	confact		: contact			contact		contact
West Observed	Meat w/bone contact	Mest w/bone contact	Meat w/bone contact	Meat w/bone contact	Meat w/o bone contact	Mest wie bone contact	Meat w/o bone contact	Meat w/bone controt	Meat w/bone contact	Meat w/o bone contact	Meat w/o bone contact	Mest w/o bone contact	Meat w/o bone contact	None	None	Meat w/bone contact	Meat w/bone contact	Meat w/o bone contact	Meat x to bone contact	Meat w/o bone contact	Meat w/o bone contact	None	None	Mezt w/bone contact	None	Meat w/bone contact	Mest w/bone contact	Meat w/bone contact	None	Meat w/bone contact	None	None	Meat w/bone contact	None	Meat w/bone contact
Position in	Undetermined	Unde ermined	Undetermined	Undetermined	Undetermined	Undetermined	Undetermined	Undetermined	Undetermined	Undetermined	Undetermined	Undetermined	Undetermined	Undetermined	Undetermined	Undetermined	Undetermined	Undetermined	Undetermined	Undetermined	Undetermined	Undetermined	Undetermined	Undetermined	Undetermined	Undetermined	Undetermined	Undetermined	Undetermined	Undetermined	Undetermined	Undetermined	Undetermined	Undetermined	Undetermined
Other																																			
Unknown																																			
Burlington	1	_	_		-	-		~	_		_	_			-			_	-		_	_	-		~		-	_	-	-	•••	ν,	•	***	
Keokuk																																			
Hery																																			
Roeds Spr																																			
Pierson																																			
Jeff. City										-														-									7		
Secondary	None	None	Dart point	Nose	None	None	None	None	None	None	Non	Note	None	None	None	None	None	None	None	Koffe	Knife	None	None	Xone Xone	None	None	None	None	None	None	None	None	None	None	None
<u>چ</u>	Ξ	7-1	1-3	7	1.5	9-1	1.7	1-8	6.1	1.10	11:1	1.12	1-13	1.14	1-15	-	1-5	1.3	1			1-7		_	_			1-13	_	1-12	_	1-:7	1-18	_	1.30 22.1
Sie Ro	23DA373	23DA370	23DA370	23DA370	23DA370	23DA370	23DA370	23DA370	23DA370	23DA370	23DA370	23DA370	23DA370	23DA370	23DA370	23DA371	23DA371	23DA371	23DA371	23DA371	23DA371	23DA371	23DA371	23DA371	23DA371	23DA371	23DA371	23DA371	23DA371	23DA371	23DA371	23DA371	23DA371	23DA371	23DA371

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	Control of		Pictory.	Keeds you	1361	Keokuk	Burlington	[Introduction	2	Predition in	
23DA371 1-21	None	-					-	7		Undetermined	None
23DA371 1-22	None						-			Undetermined	None
23DA371 1-23	None									Undetermined	None
23DA371 1-24	None						_			Undetermined	None
23DA371 1.25	None							_	_	Exhausted	Wood
23DA371 1-26	None						_			Exhausted	Wood
23DA371 1-27	Nobe									Extraveled	Wood
23DA371 1-29	None						_			Initial	Meat w/bone contact
23DA371 1-30	Nose							_	_	Initial	Meat w/bone contact
23DA371 1-31	Nose						-				Meat w/bone contact
_	Nose						_	_		laitis	None
	Rose						_			Undetermined	Mest w/bose contact
	None						_	_		Undetermined	Meat w/bone contact
	None	7					19 53			Undetermined	None
	None						•,	~		Undetermined	None
	None						-			Undetermined	Mest w/o bone contact
_	None									Undetermined	Wood
23DA371 1.40	None	m					2 17			Undetermined	Meat w/bone contact
_	None	1						••		Undetermined	None
_	None									Undetermined	Meat w/bone contact
23DA371 1:43	Note							_		Undetermined	None
	None						-			Undetermined	None
23DA371 1-45	None						_			Undetermined	None
	None									Undetermined	None
23DA37! 1-47	Nose			_						Undetermined	Meat w/bone contact
	None						_			Undetermined	None
	Nose						_			Inicia?	Meat w/bone contact
	Soraper						_			Initial	Meat w/bone contact
-	None									Initial	Mezi w/bone contact
23DA371 1-52	Nose						_			(Indetermined	Meat w/o bone contact
	None						_			Undetermined	None
	None						<u></u>			Undetermined	Meat w/o bone contact
	None						_			Initial	Meat w/bode contact
	None									[nitial	Meat w/bone contact
23DA371 1.57	None							-		Undetermined	Mest without material

Stone toois collected by Howard Wimmer APPENDIX B

Wear Observed	Meat w/bone contact	Meat w/bone contact	None	Meat w/bone contact	Meat w/bone contact	Meat w/bone contact	Meat w/bone contact	None	Meat w/bose costact	Meat w/o bone contact	Meat w/bone contact	Mest w/bone contact	Nose	Meat w/o bone contact	None	Wood	Bone/autler	None	Mezt w/bone contact	Meat w/bone contact	Meat w/bone contact	Soft stone or pottery	None	None	None	None	Meat w/bone contact	None	Meat w/o bone contact	None	None	None	None '	None	Meat w/bone contact
Position in		Initial	4 -	[minial		laitis	Undetermined	Undetermined !	Undetermined		(Indetermined)		-	Undetermined	Undelermined	(Indetermined	Undetermined	_		Undetermined	Exhausted	8	Exhausted		Undetermined	Undetermined	Undetermined	Undetermined	Undetermined	Exhausted	Undetermined	Undetermined	Undetermined	Exhausted	Initiat
Unknown Other																																			
Burlington Ur		***	~	•	-	-					-		-	=			•••	=	-				,		3		7	-	-	-	=		-	L	esią
Keokuk																																			
Spr Skey																																			
n Reeds Spr																																			
Pierson	-								_						-																				
Jeff. City																										-		-							
Secondary	Dert point	None	None	None	None	Kalfe	None	¥oee	None	Dert point	Dart polat	None	None	Notic	None	None	None	Nose	Nose	Dert point	Nose	None	None	None	None	None	None	None None	Nobe	None	None	None	None	None	Knife
5. 35 36	1-58	1-59	1.60	19-1	1-62	1.63	3	1.65	38:	1-67	1.68	\$	0.1	1.11	1.72	1.73	1-74	1.75	1.76	1-11	1-78	1.79	1.80	18:1	1.82	1-83	\$	38-1	*	1.87	1.88	1.89	8-1	16-1	1.92
Site No.	23DA371	23DA371	23DA371	23DA371	23DA371	23DA371	23DA371	23DA371	23DA371	23DA371	23DA371	23DA371	23DA371	23DA371	2304371	23DA371	23DA371	23DA371	23DA371	23DA371	23DA371	23DA371	23DA371	23DA371	23DA371	23DA371	23DA371	23DA371	23DA371	23DA371	23DA371	23DA371	23DA371	23DA371	23DA371

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Stone tools collected by Howard Wimmer

West Obraved	None	None	None	Meat w/o bone contact	None	None	None	None	None	Nose	None	No se	Meat w/bone contact	Meat w/bone contact	Meat w/o bone contact	Meat w/bone contact	Bone/ander	Meat w/bone contact	None	Nobe	Meat w/bone contact	Meat w/bone contact	Meat w/bone confact	Meat w/bone contact	None	Meat w/bone contact	Meat w/bone contact	None	Mea! w/bone contact	None	None	None	None ·	None	Mest without contact
Position in	Initial	Undetermined	Undetermined	Undetermined	Undetermined	Undetermined	Undetermined	feitial	Undetermined	Undetermined	Undetermined	Undetermined	Resharpened	Resharpened	Inidel	Exhausted	Exhausted	Resharpened	Undetermined	Exhausted	Exhausted	Resharpened	Exhausted	Resharpened	Exhausted	Resharpened	Resharpened	Restarpened	Restarpened	Undetermined	Undetermined	Resharpened	Undetermined	Undetermined	(indetermined
Other																																			
Burlington Unknown	7	_		1	_	1			pine state	-	м			-		.	-			-		ı	1	-										4	¥
Burlington							_								-										•				-	_		-		₩	_
Keokuk																															-				
Escy																																			-
Reeds Spr																			-																
Pierson												_														-									-
Jeff. City																												-							
Secondary	None	None	None	None	Nose	None	Nose	Ş	None	Xone.	None	None	None	None	None	None	Burin	Nose	Xose	None	None	None	None	None	None	None	Xoge V	Perforator	None	None	None None	None	None	None	2
St. No.	1.93	1 1	1-53	8	1.97	8-1	<u>8-</u>	01-1	1-10	1.10	1-10	1-10	1-10	1-10	1-10	1.10	01-1	1-11	11-11	11-1	11-11	1-11	11-11	11-11	11-11	11-11	1-11	1-12	1-12	1-12	1-12	1-12	1-12	1-12	:
Site No.	23DA371	23DA371	23DA371	23DA371	23DA371	23DA371	23DA371	23DA371	23DA371	23DA371	23DA371	23DA371	23DA371	23DA37!	23DA #7!	23DA371	23DA371	23DA371	23DA371	23DA371	23DA371	23DA371	23DA371	23DA371	23DA371	23DA371	23DA371	23DA371	23DA371	23DA371	23DA371	23DA371	23DA37I	23DA371	115 4 171

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Stone tools collected by Howard Wimmer

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APPENDIX B Stone tools collected by Howard Wimmer

Sie No.	Cer %	Secondary	Jeff. City	Pierson	Reeds Spr	Elsey	Keokuk	Burlington	Unknown	O. Ber	Position in	West Observed
23DA386	1-23	None] 				-	l	1	Undetermined	Nose
23DA386	1-7	None						€4			Undetermined	Meat w/bone contact
23DA386	1.23	Knife					-				Undetermined	Mest w/o bone contact
23DA386	1-36	Dart point						**			Undetermined	Meat w/bone contact
23DA386	1.27	None						•			Restampened	Meat w/bone contact
23DA386	1.28	Nose						-		_	Resharpened	Meat w/bose costact
23DA386	1.3	Nose						7			Undetermined	None
23DA386	1-30	Noge Second									Undetermined	None
23DA386	1-31	Nose						-		_	Undetermined	None
23DA386	1-32	Nose						2		_	Undetermined	None
23DA386	1-33	Dart polat						y			Underermined	Meat w/bone contact
23DA386	¥.	Dart point						1		_	Undetermined	Meat w/bone contact
23DA386	1 . 3	Nose						=		_	Undetermined	None
23DA386	1-36	Nose						1		_	Undetermined	None
23DA386	1-37	None									Undetermined	None
23DA387	1-1	None						10 25			Undetermined	None
23DA387	1-7	None					**4			_	Resharpened	Meat w/bone contact
23DA387	I-3	None						1 3		_	Undetermined	Meat w/bone contact
23DA387	7	None						=			Resharpened	Meat w/bone contact
23DA387	1-5	None						-		_	Undetermined	Meat w/bone contact
23DA387	1-6	None						=			Exhausted	Meat w/bone contact
23DA387	1.7	None						•		_	Resturpened	Mest w/bone contact
23DA387	9	None						2			Exhausted	Meat w/o bone contact
23DA387	6-1	None						4			Undetermined	None
23DA387	1-10	Dart point						=		_	Undetermined	Meat w/bone contact
23DA387	1-11	Kulfe?						1		_	Undetermined	None
23DA387	1-12	None						•		_	Undetermined	None
23DA387	1-13	None						-		_	Undetermined	Meat w/bone conduct
23DA387	1-14	None	_								Resharpened	Meat w/bose costact
13DA387	1-15	None			~			m			Undetermined	None
23DA387	91-1	None						\$			Undetermined	Meat w/frone contact
23DA387	1-17	Knife						-		_	Resharpened	Meat w/bone contact
23DA387	1.18	None						-		_	Undetermined	None .
23DA387	1-19	None						_		_	Undetermined	None
23DA387	2.1	None						-		_	Undetermined	Meat w/bone contact

APPENDIX B

West Observed	Bone/auther	None	Meat w/bone contact	Meat w/bone contact	Meat w/bone contact	None	None	Meat w/bone contact	Meat w/bone contact	None	None	None	Meat w/bone contact	Meat w/bone contact	None	Mest w/bone contact	Meat w/bone contact	None	None	None	None	Meat w/bone contact	Meat w/bone contact	None	Meat w/bon: contact	Mezt w/o by ne contact	Meat w/bone contact	Meat w/bone contact	None	None	Meat w/bone contact	Meat w/bone contact	None .	Meat w/bone contact	None
Position in	Exhausted	Undetermined	Undetermined	Undetermined	Exhausted	Exhausted	Resharpened	Resburpened	Resburpened	Undetermined	Undetermined	Undetermined	Resharpened	Exhausted	Undetermined	Resharpeted	Undetermined	Undetermined	Undetermined	Undetermined	Undetermined	Resharpened	Undetermined	Initial	Resharpened	Exhausted	Exhausted	Undetermined	Undetermined	Undetermined	Undetermined	Undetermined	Exhausted	Undetermined	Exhausted
nown Other																					-														
Burlington Unknown	1			_	1		~		-	.	-	-	~	<u></u>		=	1	1	=	14		-		1	-	-			-	-	-		-		-
Keokuk																																			
Elsey								-																											
Reeds Spr																																			
Plerson																																			
Jeff. City															1												-	-							
Secondary	None	None	None	None	None	Nose	Nose	None	None	None	Nose	None	Dart point	Scraper	None	None	None	None	None	None	None	None	None	None	None	Nose	Note	None	None	Nose	Notes	None	None	None	None
Or No.	17-1	1-17	1.23	7.1	1.25	1-26	1-27	1-28	1.20	1-30	1-31	1-32	1-33	*-	1.35	1.36	1-37	1.38	1.35 8¢.1	9	1-41	1-1	1-3	1.3	Ξ	1-2	1-3	7	1.5	1-1	1-2	1-3	1.1	1.2	1-1
Site No.	23DA387	23DA387	23DA387	23DA387	23DA387	23DA387	23DA387	23DA387	23DA387	23DA387	23DA387	23DA387	23DA387	23DA387	23DA387	23DA387	23DA387	13DA387	:3DA387	23DA387	23DA387	23DA388	23DA388	23DA388	23DA389	23DA389	23DA 389	23DA389	23DA389	23DA390	23DA390	23DA390	23DA391	23DA391	23DA392

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Stone tools collected by Howard Wimmer

	ı		r retayor	200	(SEE	Keogug	Durimgrou	Burlington Unknown	Ciber	Pos:bos in	West Uthery 60
1-2	Nose							-		Undetermined	None
<u></u>	Kaife							_		Undetermined	Mest w/o bose contact
4	Zone Zone							t-mil		Undetermined	None
1-1	Nose		_				80	52		Undetermined	None
7-1	Nose			-			3	91		Undetermined	Meat w/bone contact
<u></u>	Zone.						-	₩.		Undetermined	None
_	None			-						Undetermined	None
	None							•		Undetermined	Meat w/fone contact
1-1	None						.			Undeterminad	Nose
1-8	None						_			Undetermined	None
6-1	None									Undetermined	None
01-1	None						-			Undetermined	Zose
1-11	None						-			Undetermined	None
1-12	None									Undetermined	None
1-13	None							ı		Undetermined	None
i 14	Nos							_		Undetermined	Xone.
1-15	None									Undetermined	Nose
1-15	None.							-		Undetermined	None
1-17	None						~			Undetermined	Note
1-19	None							ı		Resharpened	Meat w/bone contact
 22	Pione							Į		Undetermined	None
1-21	None									(fadetermined)	None
1.22	None						1			Resharpened	Meat w/bone contact
1.23	None	1								[nitist	Meat w/bone contact
7	Note									Resharpened	Meat w/bene contact
27-1	Scraper	1								Resharpened	None
97-1	None.						6-1			Resharpened	Meat w/bone contact
1-27	None							1		Undetermined	None
87-1	Soruper									[nittæ]	Meat w/bone contact
87	None									[n/tial	Meat w/o bone contact
8-	None							_		[nitia]	Meat w/o bune contact
1-31	Scraper							1		Resharpened	Meat w/o bone contact
1-32	None							_		R:sharp-ned	None
.33	Nose							1		Resharpesed	Meat w/bone contact
11	Y.							_			

APPENDIX B
Stone tools collected by Howard Wimmer

Wear Observed	Meat w/bone contact	Nieat w/bone contact	None	Meat w/bone contact	None	Bone/anther	Meat w/o bose contact	None	None	Meat w/bose costact	Nose	Meat w/boet costact	Meat w/bose costact	Nose	None	Meat w/bot : contact	None	Meat w/box contact	Meat w/o bone contact	None	Meat w/bone contact	None	Meat w/bone contact	Meat w/bone contact	Meat w/o bone contact	Meat w/o bone contact	Meat w/o bone contact	Meat w/bone contact	Meat w/o bone contact	Meat w/bone contact	None	None	None	None	Meat w/bone contact
Position in	Resharpened	Undetermined	Resharpened	Undetermined	(Indetermined	Extrausted	Resharpened	Undetermined	Undetermined	Resharpened	Undetermined	Resharpened	Exhausted	Resharpened	Resharpened	Resh rpened	Exhausted	Rechargened	Resharpened	Initial	Undetermined	Undetermined	Undetermined	Resharpened	Resharpened	Undetermined	Undetermined	Undetermined	Resharpened	Exhausted	Undetermined	Undetermined	Undetermined	Undetermined	Resharpened
Öğe																																			
Unibadava			_							_					_	_	_		_	_		0		_	_	_	_	_		=	_		_		
Burlington Unknown										•		-										01	M												-
Keokuk																																			
Flee?																																			
Roeds Sor																																			
Person																					_														
Jeff. City																																			
Secondary	None	None	Note	None	Kaite?	None	Dart point	None	None	None	None	Nose	None	None	None	None	None	None	Knife	None	Nose	None	None	None	Knife	None	None	None	Kaife	Scraper	None	None	None	None	None
No.	1.35	90-1	9E-1	2.3	9-1	1-4[1-42	143	7	2.1	1-46	1.47	1.48	4 -1	1-50	1.51	1-52	1.53	1.54	1-55	1.56	1.57	1-58	1-59	99-1	1.61	1.62	1.63	<u>.</u>	1.65	98-1	1.68	9 9-1	2.1	1.71
Sie N	23DA393	23DA393	23DA 393	23DA393	23DA393	23DA 393	23DA393	23DA 393	23DA393	23DA 393	23DA393	23DA 393	23DA 393	23DA 393	23DA 393	23DA 393	23DA 393	23DA 393	23DA393	23DA393	23DA393	23DA393	23DA393	23DA393	23DA393	23DA393	23DA 393	23DA393	23DA393	23DA393	23DA393	23DA393	23DA393	23DA393	23DA393

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Wear Observed		Meat w/bon-contact	Meat w/bone contact		Meat w/bone contact		Meat w/bots: contact					Meat w/o bone contact		Meat w/bone contact			Meat w/o bone contact											Meat w/bone contact		Meat w/bone contact		Mest w/o bone contact	٠,		Meat w/bone contact
Wear	202	Meat	Mest	None	Meat	Note	Mar	None	Kone	None	None	Mear	Z	Z	None	Zone	Meat	Kone	None	None	None	None	None	Kone	Zone	Zone	None	Mar	None	Mezi	None	Mest	None	None	Mai
Position in	Undetermined	Resharpened	Undetermined	Undetermined	Resharpened	Undetermined	Resharpened	Undetermined	Undetermined	Undetermined	Undetermined	Undetermined	Underemined	Exhausted	(indetermined	Undetermined	Undetermined	Undetermined	Undetermined	Undetermined	Undetermined	Exhausted	Undetermined	Undetermined	Exhausted	Undetermined	Undetermined	[raftia]	Undetermined	Initial	Undetermined	Undetermined	Undetermined	Undetermined	Undetermined
Ogber																																			
Unknown																														-					
Burlington	-	-		-	-	-		_	-	-	-	-		_	-		-	÷		7	_	_	7	-	-	-	-		•		٠,		7		_
Keokuk																													₩1						
1																																			
Roads See																																			
P. P																																			
ار الله الله																																			
Commedan	None	None	Nose	Nose	None	None	Nose	None	Nose	None	None	Nose	None	Scraper	None	None	None	Nose	None	None	None	Dart point	None	None	None	None	None	None	None	None	None	None	None	None	None
3	17	1-73	1.74	1.75	1-76	1.11	1.78	6-1	1 -80	18-1	1-82	1.83	28-	1-85	1-86	1-87	1-88	1-89	1:1	1-2	1:1	1.2	1-3	7	1-5	9	1-1	1:1	1-7	1-3	7	1.5	91	1-1	≈ ç
Sit N	_	23DA393	23DA393	23DA393	23DA393	23DA393	23DA393	23DA393	23DA393	23DA393	23DA393	23DA393	23DA393	23DA393	23DA393	23DA393	23DA393	23DA393	23DA394	23DA394	23DA395	23DA395	23DA395	23DA395	23DA395	23DA395	23DA395	23DA396	23DA396	23DA396	23DA396	23DA396	23DA396	23DA396	23DA396

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Wear Observed	None	None	Meat w/bone contact	Mest w/bone contact	None	None	None	Meat w/o bose contact	None	Mest w/bone contact	Meat w/bone contact	None	Meat w/bone contact	Meat w/o bone contact	None	None	Meat w/bone contact	None	Nose	None	None	None	Meat w/bone contact	Meat w/bone contact	None	Mest w/bone contact	Mest w/bone contact	None	Meat w/bone contact	Meat w/o bone contact	None	None	None .	Meat w/bone contact	Mest who bone maint
Position in	Undetermined	Undetermined	Undetermined	Undetermined	Undetermined	Undetermined	Undetermined	Initial	Resharpened	Resharpened	Undetermined	Undetermined	Resharpened	Exhausted	Undetermined	Undetermined	Initial	Undetermined	Undetermined	Undetermined	Undetermined	(Indetermined	Resharpened	Resbarpened	Undetermined	Underemined	Resharpened	Undetermined	Undetermined	Resharpened	Undetermined	Initial	Undetermined	Resharpened	Indetermined
ig S															_																				
Unknown	-																			-													~		
Burlington	7 \$		m	7		1	-	1	-	-		2	1			•••		F4			1 1					1 1		1 1						•••	
Keokuk																																			
Bery																																			
Reside Spr			1								_																			7					
Picrson					_												-																		-
Jeff. City	7													-														7	~			-			
Seconds:7	None	None	None	None	None	None	None	Knife	None	None	None	Nose	None	None	None	None	Nose	None	Nose	None	None	None	None	None	None	None	Soraper	None	None	Dert point	None	Nose	None	Dert point?	Minne
Cet No.	1-1	1-2	1-3	7	1-5	9	1-7	1.6	1.9	1-10	11-1	1-12	1-13	1-14	1:13	1-16	1-17	1-18	1-1	1-7	1.3	I	1.5	1-6	1-7	1-1		1-2	1-3	<u> </u>	<u>5-1</u>	9		*	9
Site No.	23DA397	22DA397	23DA397	23DA397	23DA397	23DA397	23DA 397	23DA397	13DA397	23DA397	23DA397	23DA397	23DA367	23DA397	23DA397	23.DA397	23DA397	23DA397	23DA398	23DA 398	23DA 398	23DA398	23DA 398	23DA 398	23DA 398	23DA399	23DA400	23DA400	23DA400	23DA400	23DA400	23DA400	23DA 400	23DA400	11D & 400

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Wear Observed		Meat w/o bone contact		Meat w/bone contact		Meat w/bone contact			Meat w/bone contact	Meat w/o bone contact	Mest w/bone contact	Meat w/bone contact	Mest w/bose contact	Mest w/bone contact	Meat w/bone contact		Mest w/bone contact				Mest w/bone contact		Meat w/bone contact	Meat w/o bone contact	Meat w/o bone contact			Meat w/bone contact		,-			Meat w/o bone contact	
*	Xose S	Mean	None	Mean	None	Mar	None	None	Mag	Meat	Mar	Mean	Mag	Meat	Meat	None	Mean	None	None	None	Mai	None	Mean	Mean	M	None	None	Meat	Nose	None	None	None	Meat	
Posttion in	Undetermined	Resharpened	Exhausted	Undetermined	Undetermined	Resharpened	Undetermined	Initial	Resharpened	Resharpened	Undetermined	Undetermined	Resturpened	Initial	Resharpened	Undetermined	Undetermined	Undetermined	Undetermined	Undetermined	Undetermined	Exhausted	Undetermined	(Jodetermined	Resharpened	Undetermined	Undetermined	Undetermined	Undetermined	Undetermined	Undetermined	Undetermined	Resharpened	
Offer																																		
Unknown		~					-																_											
1	-						5	_	-	1		-				***	~	7	-		=	***		-				•	-					,
Burlington						-	-				_				_		7		7	-							-			1	-	1		
Keokuk																																		
Elsey																																		
Reeds Spr			_																															
Pierson																																		
Jeff. City							7											•••	_							••								
Secondary	None	None	None	None	None	None	None	Nose	None	None	Dart point	None	None	Zone	None	None	None	None	None	None	Knife	None	None	None	None	None	None	None	None	None	None	Nobe	None	2
Cat. No.	01-1	1.11	1.13	1-14	1-15	:	1-2	1.3	7	1.5	91	1.7	*	6.1	1-10	1-11	1-13	1-13	1-14		1-16	1-17	1-18	1-19	1.20	1-21		1.23	1.2	1.23	1-26	1-27	1-1	•
Site No.	23DA400	23DA400	23DA400	23DA 400	23DA400	23DA401	23DA 401	23DA401	23DA401	23DA401	33DA401	23DA401	23DA401	23DA401	23DA401	23DA401	23DA401	23DA401	23DA401	23DA401	23DA401	23DA401	23DA401	23DA401	23DA401	23DA401	23DA401	23DA401	23DA401	23DA401	23DA401	23DA401	23DA402	23DA 402

APPENDIX B
Stone tools collected by Howard Wimmer

Wear Observed	None	Meat w/bone contact	None	None	Meat w/bone contact	Meat w/bone contact	Meat w/bone contact	Meat w/bone contact	None	None	None	None	None	Meat w/bone contact	Meat w/o bone contact	Mest w/o bone contact	Meat w/o bone contact	Meat w/o bone contact	None	None	Wood	None	None	None	None	None	None	None	Meat w/bone contact	Meat w/bone contact	None	Meat w/bone contact	None	Meat w/bone contact	None
Position in W.	Undetermined No	Undetermined M	Undetermined No	Undetermined No	Undetermined M	Inidal	Resharpened M	Resharpened M	Undetermined	Undetermined No	Resharpened No	Undetermined N		Undetermined M	Σ	Undetermined	Σ	Σ		Undetermined		Undetermined N		Undetermined N	Restarpened N	Undetermined	Undetermined N	Resharpened N	Restarpened N	Resharpened N	Undetermined	Undetermined	Undetermined	Resharpened N	Undetermined
Other																																			
Unknown																																			
Burlington	7	_	-	•	2 1	-			-	اس یب	1	-	₩		=	-		-	-	~	-		-		-		*	1		•			1	-	ننو
Keokuk																	-																		
Becy																																			
Reeds Spr								-																											
Pierson							_																												
Jeff. City																						-										-			
Secondary	Nose	Dert point	None	None	None	None	None	None	Nose	None	Core	Nose	None	None	None	None	None	None	None	None	None	None	None	None	None	None	None	None	None	Dark point?	None	None	None	None	None
Sr No	7	1-1	1-2	1.3	1	1-5	91	1:1	1-2	1-3	7	5-1	1-6	1:1	1-2	7	1-1	1-2	1-3	7	1.5	1-1	1-1	1-2	1-3	7	1-1	1-1	1-2	1:3	7	1:1	1.2	1-3	7.
Sie No.	23DA402	23DA403	23DA403	23DA403	23DA403	23DA403	23DA403	23DA405	23DA405	23DA405	23DA405	23DA405	23DA405	23DA406	23DA407	23DA407	23DA408	23DA408	23DA408	23DA408	23DA408	23DA410	23DA412	23DA412	23DA412	23DA412	23DA413	23PO230	23PO230	23PO230	23PO230	23PO304	23PO304	23PO304	23PO304

APPENDIX B

West Observed	None	None	None	Meat w/o hose contact	Meat w/borse contact	Meat w/bone contact	None	None	None	None	None	None	None	None :	None	Meat w/bone contact	None	None	None	None	None	None	Mest w/o bone contact	None	None	None	None	Xone .	None	None	None	Meat w/bone contact	None '	None	Meat w/bone contact
Position in W	Undetermined N	Undetermined N	Undetermined N	Resharpened M	Resharpened M	Exhausted	Undetermined N		Undetermined N				40		8	_						70							Undetermined		Undetermined	Undetermined	Undetermined	Undetermined	Resharpened
a Other												_																							
Unknown			_	_			•	7	•	~				-		_		-	-				1	•	~	₩			_		_	_		1	_
Burlington		-					-	7	7								-			-		_		~	7	7	4			=					
Keokuk																																			
Elery																																			
Reeds Spr					-																														
Pierson																												_							
Jeff. City																																	-		
Secondary	Zoge Soge	N ₂₀ e	None	None	None	Scriper	No.	None	None	Nose	None	None	None	None	None	None	Nove	Noge.	X ope	None	Xose	None	Xone.	Nose	None	None	Zone Zone	None	Note	None	None	None		Z.	None
Cat. No.	1.5	Ξ	1-5	1-1	1.2	1-3	1	1.5	91	1-1	8-1	6:1	1-10	11-1	1-12	1.13	1-14	1-15	1.16	1-17	1-18	61-1	2-1	2-2	2.3	7-7	8-2	5-9	2-10	2-11	2-12	2-13	2-14	2-15	2-16
S. S.	23PO304	23PO320	23PO320	23PO351	23PO351	2: 20351	2370351	23PO351	23PO351	23PO351	23PO351	23PO351	23PO351	23PO351	23PO351	2390351	23PO351	2370351	23PO351	23PO351	23PO351	23PO351	23PO351	23PO351	23PO351	23PO351	23PO351	23PO351	23PO351	23PO351	23PO351	23PO351	2380351	23PO351	23PO351

APPENDIX B
Stone tools collected by Howard Wimmer

2120	2	1	Jen. C.19	S MC130C	NOCOS SDE	(N.O.C.	Burlington	はない自己	5	Position in	WCH CONTINUE
23PO351	2-17	None									Undetermined	None
23PO351	3-1	None						1			Undetermined	Meat w/bone confact
23PO351	3.2	None						1			Undetermined	Meat w/bc.se contact
23PO351	3-3	Nose									Undetermined	None
23PO351	ĭ	Dert porut						1			Undetermined	Meat w/bone contact
23PO351	3.5	None						-			Undetermined	None
23PO351	3.6	None			-			•			[Eitis]	Noie
23PO351	3-7	None						*1			Undetermined	None
23PO351	3.6	Nose						-			Undetermined	Meat w/bone contact
23PO351	3.9	Nose									Undetermined	None
23PO351	3-10	None						-			Undetermined	Mest w/bose contact
23PO351	3-11	None						-			[mide/	Noe
23PO351	1-	Noge Noge						_			Exhausted	Meat w/bone contact
23PO351	4-2	Nose						-			Reshurpened	Meat w/cone contact
23PO351	7	Dart point						4			Undetermined	i iest w/bose costact
23PO351	1	Nose	-								Undetermined	None
23PO351	4-5	Nose						***			Undetz: mined	None
23PO351	4	Nose						1			Undetermined	Meat w/bone contact
23PO351	4.7	None						•	-		Undetermined	None
23PO351	\$	None						2 4			Undetermined	None
23PO351	67	None						-			Codetermined	Meat w/hone contact
23PO351	4-10	None						u			Undetermined	None
23PO355	1:1	Nose						~			Undetermined	None
23PO355	1-7	None						•			Undetermined	None
23PO355	1-3	None						-			Undetermined	None
2370355	Z	None						1			Undetermined	Mest w/bome contact
23PO355	1.5	Nose						1			Undetermined	None
2370355	9	Nose	-					•			Undetermined	None
23PO355	1-1	Nose						-			Undetermined	Meat w/fone contact
23PO355	•?	Nose						-			Undetermined	Most w/bone contact
23PO355	6-1	None						-			Undetermined	Meat w/bone contact
23PO355	1-10	None						_			Restarpened	Mest w/bone contact
23PO355	1-11	None						-			Un it 'ermined	Meat w/bosie contact
23PO357	1-1	None						-			Undetermined	None
73557	•	N. Care						•				

APPENDIX B
Stone tools collected by Howard Wimmer

Wear Observed	Mest w/bose contact	Mest w/bone confact	None	None	None	Nose	None	Mest w/bone contact	None	Mest w/bone contact	None	Meat w/bone contact	None	Kone	None	None	Meat w/o bone contact	Meat w/bone contact	Nose	Meat w/bone contact	Meat w bone contac	None	Nose	None	Meat w/o bone contact	None	None	None	None	None	None	None	None '	Meat w/bone contact	Meat w/o bone control
Position in	Resharpened	Undetermined	Undetermined	Undetermined	Undetermined	· Indetermined	Undetermined	Resharpened	Undetermined	Undetermined	Resharpened	Undetermined	Undertermined	Undetermined	Tack termined	Undetermined	Resharpened	Undetermined	Undetermined	Undetermined	Fe sparpened	Reshurpened	Undetermined	Und sermined	Resharpened	Exhausted	Initial	Undetermined	Erhausted	Ext viusted	Exhausted	Exhausted	Undetermined	Undetermined	Resharpened
own Other																																			
Berlington Unknown	1	-	-			Ħ	2 12	••	••	-			12 11	11	*	•••				-	=	-	-			1	1		-		1	-		••	1
Keokuk																																			
X Hery	l																																		
Recds Spr																																			
Pierson												_																		-					
Jeff. City					-								-		-	-												_							
Secondary	1	None	None	None	None	Nose	None	None	None	None	None	None	None	None	None	None	None	None	None	None	None	None	None	None	Dart point	None	None	None	None	None	χου:	None	None	None	None
SE No.	1-3	7	1.5	9-1	1.1	•	2-1	2.7	2-3	2.4	2-5	2-6		1.7	F:3	1	1-5	9-1	1.7	\$ \$	6.1	1-10	1-11	1-12	1.13	1-14	1-15	1-16	1-17	1-18	1-19	1.20	1-21	1.22	1.23
Site No.	23PO357	23PO357	23PO357	23P0357	23PO357	23PO357	23PO357	23PO357	23PO357	23PO357	23PO357	23PO357	23PO359	23PO359	23PO359	2310359	23PO359	23PO359	23PO359	2370359	23PC359	23P0359	23P0359	23PO359	23PO359	23PO359	23PO359	2370359	23PO359	23PO359	23PO359	23PO359	23PO359	23PO359	23PO359

APPENDIX B
Stone tools collected by Howard Wimmer

Position in West Observed		Undetermined None			Undertermined None	Undetermined None	Undetermined None	Resharpened Meat w/o hone contact	Undetermined Mest w/bone contact	Undetermined None	region	Initial None	₩	Resharpened Meat w/bone contact	Resharpened Meat w/bone contact	Undetermined Meat w/hone contact		7		Exhausted None	B				_	Undetermined Meat w/bone contact		Undetermined Meat w/bone contact		Resharpeed Meat w/bone contact				peed renined
	J	→	J	٧	_	_		***	2	-	_	~	_	_		_	_			_	_		-	-=	-							-		
Unknown																									u.									
	-	J	-	-		_	-	_	_		5 13		-	-	~■	-	-		-	-		-		-	1 2	7				,	-4			
Burlington								_	_		••																							
Keokuk																																	•	
Elsey																																		
Reeds Spr																																		
Pierson																							_											
Jeff. City											-																	-	-					-
Secondary	Nose	None	None	None	None	None	None	None	None	None	No Se	None	Note	None	None	Kope	None	None	Dart point	None	None	None	None	None	None	None	Kaife	Scraper	None	2		None	None	None None None
3	1.24	1.23	1-26	1.27	1-28	1-29	¥.1	1.31	M	7	1-5	9-1	1-1	8 9	6-1	1-10	11-11	1-12	1.13	1-14	1.15	1-16	1-17	1-18	61-1	1.30	1-21	1:2	1-2	2.3	•	: 2	122	2 7 7 7
Site No.	23PO359	23PO359	23PC359	23PO359	23PO359	23PO359	23PO359	23PO359	23PO360	23PO360	2370360	23PO360	2370360	23PO360	23PO360	23PO360	2370360	2370360	2370360	23PO360	23PO360	23PO360	23PO360	23PO350	23PO360	23PO360	23PO360	23PO360	23PO360	03200350	35.2	380360	370360 370360	23PO360 23PO360 23PO360

APPENDIX B
Stone tools collected by Howard Wimmer

1-2 None 1-3 None 1-4 None 1-5 None 1-6 None 1-7 None 1-7 None 1-10 None 1-10 None 1-11 None 1-11 None 1-12 None 1-13 None 1-14 None 1-15 None 1-15 None 1-15 None 1-15 None 1-15 None 1-16 None 1-17 None 1-18 None 1-18 None 1-19 None 1-20 None 1-21 None 1-21 None 1-22 None 1-24 None 1-25 None 1-26 None 1-26 None 1-27 None 1-28 None 1-28 None 1-29 None 1-29 None 1-20 None 1-20 None 1-20 None 1-21 None 1-22 None 1-23 None 1-24 None 1-25 None 1-26 None 1-26 None 1-27 None 1-28 None 1-28 None 1-29 None	Sie Ne	Cet No.	Secondary	Jeff. City	Pierson	Reeds Spr	Esecy	Keokuk	Burlington	Unknown	Other	Position in	Wear Observed
1.3 None 1 Underennined Distriction of Distriction o	23FO361	1-2								-		Undetermined	Meat w/bone contact
14 None	23PO361	1-3	Noise						1			Undetermined	None
1.5 None 1 1 1 1 1 1 1 1 1	23PO361	7	None						,			Undetermined	None
1.6 None 1 Undetermined 1.7 None 1 Undetermined 1.1 None 1 Undetermined 1.2 None 1 Undetermined 1.2 None 1 Undetermined 1.4 None 1 Undetermined 1.5 None 1 Undetermined 1.5 None 1 Undetermined 1.6 None 1 Undetermined 1.7 None 1 Undetermined 1.1 None 1 Undetermined 1.2 None 1 Undetermined 1.2 None 1 Undetermined 1.2 None 1 Undetermined 1.2 None	23PO361	<u>5-1</u>	None	-								Undetermined	None
1-7 None 1 Undetermined of the control of the contro	23PO361	9	Nose						_			Undetermined	None
1.3 None 1 Undetermined 1.1 None 1 Undetermined 1.2 None 1 Undetermined 1.3 None 1 Undetermined 1.4 None 1 Undetermined 1.5 None 1 Undetermined 1.7 Der point 1 Undetermined 1.9 None 1 Undetermined 1.11 None 1 Undetermined 1.12 None 1 Undetermined 1.13 None 1 Undetermined 1.14 None 1 Undetermined 1.15 None 1 Undetermined 1.16 None 1 Undetermined 1.17 None 1 Undetermined 1.18 None 1 Undetermined 1.20 None 1 Undetermined 1.21 None 1 Undetermined 1.22 None 1 Undetermined 1.23 None 1 Undetermined 1.24 None 1 Undetermined 1.25 None 1 <td>2370361</td> <td>1-1</td> <td>None</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>7</td> <td></td> <td></td> <td>Undetermined</td> <td>Mest w/bone contact</td>	2370361	1-1	None						7			Undetermined	Mest w/bone contact
1.1 Hone 1 Undetermined 1.2 None 1 Resimpned 1.4 None 1 Undetermined 1.5 None 1 Undetermined 1.6 None 1 Undetermined 1.7 Durt point 1 Undetermined 1.8 None 1 Rechargened 1.10 None 1 Undetermined 1.10 None 1 Undetermined 1.11 None 1 Undetermined 1.12 None 1 Undetermined 1.13 None 1 Undetermined 1.14 None 1 Undetermined 1.15 None 1 Undetermined 1.16 None 1 Undetermined 1.20 None 1 Undetermined 1.21 None 1 Undetermined 1.22 None 1 Undetermined 1.23	23PO361	•	None	-	-				2 3			Undetermined	Nose
1.2 Nove 1 Rechargement 1.3 None 5 Undetermined 1.4 None 1 Undetermined 1.5 None 1 Undetermined 1.6 None 1 Undetermined 1.0 None 1 Undetermined 1.1 None 1 Undetermined 1.2 None	23PO366	1:1	None						***			Undetermined	Meat w/bone contact
1-3 None 5 Underennined 1-4 None 1 Underennined 1-5 None 1 Underennined 1-5 None 1 Underennined 1-7 Dart point 1 Underennined 1-10 None 1 Redurpend 1-11 None 1 Underennined 1-12 None 1 Underennined 1-13 None 1 Underennined 1-14 None 1 Underennined 1-15 None 1 Underennined 1-16 None 1 Underennined 1-17 None 1 Underennined 1-18 None 1 Underennined 1-19 None 1 Underennined 1-17 None 1 Underennined 1-18 None 1 Underennined 1-17 None 1 Underennined 1-18	23PO366	1-2	· · · · · · · · · · · · · · · · · · ·						•			Resharpened	Meat w/bone contact
1-4 Nome 1 Underemised 1-5 Nome 1 Underemised 1-7 Nome 1 Underemised 1-8 Nome 1 Underemised 1-9 Nome 1 Underemised 1-11 Nome 1 Underemised 1-12 Nome 1 Underemised 1-13 Nome 1 Underemised 1-14 Nome 1 Underemised 1-15 Nome 1 Underemised 1-16 Nome 1 Underemised 1-17 Nome 1 Underemised 1-18 Nome 1 Underemised 1-19 Nome 1 Underemised 1-17 Nome 1 Underemised 1-18 Nome 1 Underemised 1-19 Nome 1 Underemised 1-17 Nome 1 Underemised 1-18 Nome <td>2270366</td> <td>1.3</td> <td>None</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>5 10</td> <td></td> <td></td> <td>Undetermined</td> <td>None</td>	2270366	1.3	None						5 10			Undetermined	None
1.5 None 1 Underranised 1.6 None 1 Underranised 1.9 None 1 Underranised 1.10 None 1 Underranised 1.10 None 1 Underranised 1.11 None 1 Underranised 1.12 None 1 Underranised 1.13 None 1 Underranised 1.14 None 1 Underranised 1.15 None 1 Underranised 1.16 None 1 Underranised 1.20 None 1 Underranised 1.21 None 1 Underranised 1.22 None 1 Underranised 1.23 None 1 Underranised 1.24 None 1 Underranised 1.25 None 1 Underranised 1.26 None 1 Underranised 1.27	23PO366	7	Nome	1					•			Undetermined	Meat w/bone contact
1.6 None 1 Undetermined 1.3 None 1 Undetermined 1.9 None 1 Undetermined 1.0 None 1 Rechargened 1.11 None 1 Rechargened 1.12 None 1 Undetermined 1.13 None 1 Undetermined 1.14 None 1 Undetermined 1.15 None 1 Undetermined 1.16 None 1 Undetermined 1.2	23PO366	1.5	Nose						•			Undetermined	None
1.7 Dart potat Rechappend 1.8 Nose 1 Nodetermined 1.0 Nose 1 Nodetermined 1.1 Nose 1 Nodetermined 1.1.1 Nose 1 Nodetermined 1.1.2 Nose 1 Nodetermined 1.1.5 Nose 1 Nodetermined 1.1.6 Nose 1 Nodetermined 1.1.6 Nose 1 Nodetermined 1.1.7 Nose 1 Nodetermined 1.2 Nose <td>23PO366</td> <td>9</td> <td>None</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>-</td> <td></td> <td></td> <td>Undetermined</td> <td>Micat w/bone contact</td>	23PO366	9	None						-			Undetermined	Micat w/bone contact
1.6 None 1 Undetermined 1.9 None 1 Undetermined 1.10 None 1 Recharpened 1.11 None 1 Recharpened 1.12 None 1 Undetermined 1.14 None 1 Undetermined 1.17 None 1 Undetermined 1.17 None 1 Undetermined 1.18 None 1 Undetermined 1.20 None 1 Undetermined 1.21 None 1 Undetermined 1.22 None 1 Undetermined 1.23 None 1 Undetermined 1.24 None 1 Undetermined 1.25 None 1 Undetermined 1.24 None 1 Undetermined 1.25 None 1 Undetermined 1.26 None 1 Undetermined 1.25	23PO366	1-1	Dart point						~			Resharpened	Meat w/bone contact
1.9 None 1 Rechargened 1-10 None 1 Rechargened 1-11 None 1 Rechargened 1-12 None 1 Undetermined 1-13 None 1 Undetermined 1-14 None 1 Undetermined 1-15 None 1 Undetermined 1-16 None 1 Undetermined 1-17 None 1 Undetermined 1-20 None 1 Undetermined 1-21 None 1 Undetermined 1-22 None 1 Undetermined 1-23 None 1 Undetermined 1-24 None 1 Undetermined 1-25 None 1 Undetermined 1-26 None 1 Undetermined 1-27 None 1 Undetermined 1-26 None 1 Undetermined 1-27	23PC366	1.8	None						•			Undetermined	Meat w/o bone contact
1-10 None I Resharpened 1-11 None I Undetermined 1-12 None I Undetermined 1-13 None I Undetermined 1-14 None I Undetermined 1-15 None I Undetermined 1-16 None I Undetermined 1-17 None I Undetermined 1-20 None I Undetermined 1-21 None I Undetermined 1-22 None I Undetermined 1-23 None I Undetermined 1-24 None I Undetermined 1-25 None I Undetermined 1-27 None I Undetermined 1-28 None I Undetermined 1-27 None I Undetermined 1-28 None I Undetermined 1-29 <td>23PO366</td> <td>1.9</td> <td>Nose</td> <td></td> <td>_</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>Resharpened</td> <td>Mea: w/bone contact</td>	23PO366	1.9	Nose		_							Resharpened	Mea: w/bone contact
1.11 None I Undetermised 1.12 None I Exhausted 1.13 None I Undetermised 1.14 None I Undetermised 1.15 None I Undetermised 1.14 None I Undetermised 1.16 None I Undetermised 1.20 None I Undetermised 1.21 None I Undetermised 1.22 None I Undetermised 1.24 None I Undetermined 1.25 None I Undetermined 1.27 None I Undetermined 1.27 None I Undetermined 1.27 None I Undetermined 1.28 None I Undetermined 1.29 None I Undetermined 1.27 None I Undetermined 1.29	2150366	1-10	None						-			Resharpened	Meat w/o bone contact
1-12 None 1 Resharpended 1-13 None 1 Exhausted 1-14 None 1 Undetermined 1-15 None 1 Undetermined 1-17 None 1 Undetermined 1-18 None 1 Undetermined 1-20 None 1 Undetermined 1-21 None 1 Undetermined 1-22 None 1 Undetermined 1-23 None 1 Undetermined 1-24 None 1 Undetermined 1-25 None 1 Undetermined 1-26 None 1 Undetermined 1-27 None 1 Undetermined 1-28 None 1 Undetermined 1-29 None 1 Undetermined 1-29 None 1 Undetermined 1-29 None 1 Undetermined 1-20	23PO366	11-11	None									Undetermined	Meat w/bone contact
1.13 None Exhausted 1.14 None Indetermined 1.15 None Indetermined 1.16 None Indetermined 1.17 None Indetermined 1.18 None Indetermined 1.20 None Indetermined 1.21 None Indetermined 1.22 None Indetermined 1.23 None Indetermined 1.24 None Indetermined 1.25 None Indetermined 1.26 None Indetermined 1.27 None Indetermined 1.28 None Inditial 1.29 None Inditial	23PO366	1-12	Nose						•			Resharpesed	Mest w/bose contact
1.14 None 1 Undetermined 1.15 None 1 Undetermined 1.16 None 1 Undetermined 1.18 None 1 Undetermined 1.20 None 1 Undetermined 1.21 None 1 Undetermined 1.22 None 1 Undetermined 1.23 None 1 Undetermined 1.24 None 1 Undetermined 1.25 None 1 Undetermined 1.26 None 1 Undetermined 1.27 None 1 Undetermined 1.28 None 1 Undetermined 1.29 None 1 Undetermined 1.29 None 1 Undetermined 1.29 None 1 Undetermined 1.20 None 1 Undetermined 1.21 None 1 Undetermined 1.22 None 1 Undetermined 1 Undetermined	23PO366	1-13	Nose						_			Exhausted	None
1.15 None I Undetermined 1.16 None I Undetermined 1.17 None I Undetermined 1.18 None I Undetermined 1.20 None I Undetermined 1.21 None I Undetermined 1.24 None I Undetermined 1.25 None I Undetermined 1.26 None I Undetermined 1.26 None I Undetermined 1.27 None I Undetermined 1.28 None I Undetermined 1.27 None I Undetermined 1.28 None I Undetermined 1.29 None I Undetermined 1.29 None I Undetermined 1.20 None I Undetermined 1.21 None I Undetermined 1.22 None I Undetermined 1 I Undet	23PO366	1-14	Kose						_			Undetermined	Mest w/bone contact
1-16 None I Resharpened 1-17 None I Undetermined 1-18 None I Undetermined 1-20 None I Undetermined 1-21 None I Undetermined 1-23 None I Undetermined 1-24 None I Undetermined 1-25 None I Undetermined 1-26 Name I Undetermined 1-27 None I Undetermined 1-28 None I Undetermined 1-29 None I Undetermined 1-28 None I Undetermined 1-29 None I Undetermined 1-29 None I Undetermined 1-29 None I Undetermined 1-29 None I Undetermined 1-20 None I Undetermined 1-20 None I Undetermined	23PO366	1-15	None						_			Undetermined	None
1-17 None I Undetermined 1-18 None I Undetermined 1-19 None I Undetermined 1-21 None I Undetermined 1-23 None I Undetermined 1-24 None I Undetermined 1-25 None I Undetermined 1-26 Name I Undetermined 1-27 None I Undetermined 1-28 None I Undetermined 1-29 None I Undetermined 1-28 None I Undetermined 1-29 None I Undetermined 1-29 None I Undetermined 1-29 None I Undetermined	23PO366	1-16	None						•			Resharpened	Meat w/o bone contact
1.18 None I Undetermined 1.19 None I Resharpened 1.20 None I Undetermined 1.21 None I Undetermined 1.22 None I Undetermined 1.24 None I Undetermined 1.25 None I Undetermined 1.26 Nane I Undetermined 1.27 None I Undetermined 1.28 None I Undetermined 1.29 None I Undetermined 1.29 None I Undetermined 1.29 None I Undetermined 1.29 None I Undetermined	23PO366	1-17	None						_			Undetermined	Meat w/bone contact
1-19 Nose I Resharpened 1-20 Kone i Undetermined 1-21 Nose i Undetermined 1-22 Nose i Undetermined 1-23 Nose i Undetermined 1-26 Nose i Undetermined 1-26 Nose i Undetermined 1-27 Nose i Undetermined 1-28 Nose i Undetermined 1-28 Nose i Undetermined 1-28 Nose i Undetermined 1-28 Nose i Undetermined	23PO366	1-18	X or	-								Undetermined	Meat w/o cone contact
1.20 None i Undetermined None 1.21 None 1 Exhausted None 1.22 None 1 Undetermined None 1.23 None 1 Undetermined None 1.24 None 1 Undetermined None 1.26 None 1 Undetermined None 1.27 None 1 Initial None 1.28 None 1 Undetermined None	23PO366	1-19	Z.						_			Resharpened	Meat w/bone contact
1-21 None 1 Exhausted None 1-22 None 1 Undetermined None 1-23 None 1 Undetermined None 1-24 None 1 Undetermined None 1-25 None 1 Undetermined None 1-26 None 1 Initial None 1-28 None 1 Undetermined None	23PO366	1.20	None						~			Undetermined	None
1-22 None 1 Undetermined None 1-23 None 1 Undetermined None 1-24 None 1 Undetermined None 1-25 None 1 Undetermined None 1-26 None 1 Initial None 1-28 None 1 Undetermined None 1-28 None 1 Undetermined None	23PO366	1-21	None						-			Exhausted	None
1-23 None I Undetermined None 1-24 None I Undetermined None 1-25 None I Undetermined None 1-26 None I Initial None 1-28 None I Undetermined None	23PO366	1.2	Xone						-			Undetermiced	None
1-24 None I Undetermined None 1-25 None I Undetermined None 1-26 None I Initial None 1-28 None I Undetermined None 1-28 None I Undetermined None	237-0366	1.23	None									Undetermined	None
1-25 None I Undetermined None 1-26 Kane I Undetermined Wood 1-27 None I Initial None 1-28 None I Undetermined None	23PO366	1.2	None						_			Undetermined	None
1-26 Name f Undetermined Wood 1-27 None I Initial None 1-28 None I Undetermined None	23PO366	1-25	None					1				Undertermined	None
1.27 None I Initial 1.28 None I Undetermined	235.33%	1-26	None						100			Undetermined	
1-28 Nove 1	23PO366	1.27	None						-			[nitial	None
	23PO366	1-28	Nose		_							Undetermined	None

APPENDIX B
Stune toois collected by Howard Wimmer

		-	,	1	Indetermined	Mest w/hose contact
					renanibed	MICHI W/DOBE CORUNCI
		-		Cade	Undetermined	None
		M		Carry Carry	Undetermined	None
		1		(Jack	Undetermined	None
				Cade	Undetermined	None
				Cac	Undetermined	None
		,4			Undetermined	None
		6 <u>1</u> \$		Cade	Undetermined	None
		1 5	m	7	Undetermined	Meat w/bone contact
-		7 7		n n	Undetermined	Mest w/bone contact
				2	Resharpened	Meat w/o brase contact
		~		2	Resharpened	Meat w/o bone contact
		***		2	Resharpened	Meat w/bone contact
				2	Resharpened	None
		-		Card	Undetermined	Meat w/bone contact
	-	_		Coop.	Undetermined	Meat w/bone contact
		•		Pag)	Undetermined	Mest w/bose contact
					(Indetermined	Wood
		-			Undetermined	Meat w/bone contact
		-		Pag.	Undetermined	None
		,			Undetermined	None
		-		C _B C	Undetermined	None
		-		200	Undetermined	Meat w/bone contact
					Undetermined	Nose
				Pa	(hydetermined	Meat w/o bone contact
				\$	Resharpened	Meat w/bone contact
		uel		3	Resharpened	Meat w/bone contact
		-			Undetermined	Nose
		-			Undetermined	None
		#		Und	Undetermined	Meat w/bone confact
		~		Con	Undetermined	Meat w/bone contact
		1		Feh	Exhausted	None
1				Z.	Restament	Mea: w/bode contact
		1		Cad	Undetermined	Meat w/bone contrict
				Initial	İzi	Meat w/bone contact

APPENDIX B
Stone tools collected by Howard Wimmer

Wear Observed	None	None	None	None	None	None	Nose	Nose	Kone	None	Nose	None	None	Noze	None	Note	None	None	None	None	None	None	Meat w/bone contact	None	None	None	None	Kone	Nose	None	None	Meat w/o bone contact	None '	None	None
Position in W	Undetermined					Underermined N	Resharpened N						-		_							_	_					Undetermined	ration			mined	••		Undetermined
Other																																			
Jakaown.		<u></u>			_		_	_					₽ i			_	_	_		7										-	_		_		
Burlington	*									-	_								7	7		_	-		-	-									
Keokuk									-																										
Bacy																																			
Reeds Spr																																			
Pierron																								_											
Jeff. Ciry												-															-	-							
Secondary	None	None	None	None	None	None	None	None	Kone	None	None	Nose	None	Z	None	None	None	None	Nose	None	None	None	Perforator	None	None	None	None	None	None	None	None	None	None	None	None
Cer No.	1.8	1-30	1-31	1-32	1-33	<u> </u>	1-35	1.36	1.37	9 6-1	1.35	1.40	7-1	1-42	1-43	1-	1.45	97-1	1-47	1.48	1-49	1-50	1-51	1-52	1.53	3.1	1.55	1-56	1-57	8 8-1	99-1	19-1	1.62	1-63	<u>7</u>
Sie No.	23PO370	23PO370	23PO370	23PO370	23PO370	23PO370	23PO370	23PO370	23PO370	23PO370	23PO370	23PO370	23PO370	23PO370	23PO370	23PO370	23PO370	23PO370	23PO370	23PO370	23PO370	23PO370	23PO370	23PO370	23PO370	23PO370	23PO370	23PO370	23PO370	23PO370	23PO370	23PO370	23PO370	23PO370	23PO370

APPENDIX B
Stone tools collected by Howard Wimmer

West Observed	None	None	None	None	Meat w/bone contact	Meat w/bone contact	Wood	None	None	None	Meat w/bone contact	Meat w/bone contact	None	Zone.	None	None	None	Meat w/bone contact	None	Meat w/bone confact	None	None	Meant w/o bone contact	None	Meat w/o bone contact	Meat w/o bone contact	None	None	None	None	Meat w/bone contact	None	None '	None	None
Position in We	Undetermined No	Undetermined No	Undetermined No	Undetermined No	Resharpened Me	Resharpened Me	Undetermined Wa		Undetermined No	Undetermined No.		**					₩	72						41						_	Undetermined M	Undetermined N	Undetermined	Undetermined N	Undetermined N
nown (Piber								-																											
Burlington Unknown	1	1		m		_	-	7	1 22	*	*			-			<u>ئن</u>	فضي		-		1		-		-	-41		÷			-	1		1
Keokuk											-	1																-							
E E																			_																
Roeds Spr									-																										
Pierson																																			
Jeff. City			-		-				7	m	54												-		-					-					
Secondary	None	Nose	None	None	None	Nose	None	None	None	Nose	Zoge Zoge	None	Nose	None	None	None	None	None	None	None	None	More	None	None	Note	Scraper	None	Note	Note	None	Dart polat	Zor S	Note	Nose	None
Cet No.	23.	I:I	1-2	1-3	1:1	1-2	1-3	7	1:1	1-2	9	6-1	1-10	1-11	1-12	1-13	1-14	1-15	91-1	1.17	1-18	1-19	1.23	1.21	1-22	1-23	1-24	1-25	1.26	1-27	1-28	1-29	1-30	1-31	1-32
Site No.	23PO370	23PO371	23PO371	23PO371	2350372	23PO372	23FO372	23PO372	23PO373	23PO373	23PO373	23FO373	23PO373	23PO373	23PO373	23PO373	23PO373	2370373	23PO373	23PO373	23PO373	2370373	23FO373	23PO373	23PO373	23PO373	23PO373	2370373	23PO373	23PO373	23PO373	23PO373	23PO373	23FO373	23PO373

APPENDIX B
Stone tools collected by Howard Wimmer

West Observed				Meat w/bone contact				Meat w/bone contact			Meat w/bone contact	Meat w/bone contact			Meat w/bone contact																		•		
West O	None	None	None	Meat w/	Zone Z	None	Zone	Meat w	Zoge Z	Ž Ž	Meat w	Mest w	X OB C	200	Mcat w	X one	Zone.	None	Kone	None	Zone	Zoge Z	Zone Zone	None	Kone	X N	None	None	None	None	None	None	None	None	None
Position in	Undetermined	Initial	Initial	Initial	Undetermined	Undetermined	Undetermined	Resharpened	Undetermined	Initial	Undetermined	Undetermined	Exhausted	Undetermined	Undetermined	Initial	Teitiel	Initial	Undetermined	Undetermined	Resharpened	Resharpened	Undetermined	Resharpened	Resharpened	Undetermined	Undetermined	Undetermined	Resharpened	Resharpened	Undetermined	Fnitial	Undetermined	Undetermined	Undetermined
Office																																			
Unknown																																			
Burlington		=	-		-	1	-	=	-	-		H	-			-		-	-	-	-	-		-		•		-	_	_	-	_	_	_	
Keokuk																									,										
Beer																																			
Reeds Spr																																			
Pierson																	-										_								
Jeff. City																																			-
Secondary	Noge L	Z.	None	Nose	Nose	None	None	None	None	Nose	Nose	Nose	None	None	None	None	None	None	None	None	None	None	None	None	None	None	None	None	None	None	None	None	None	None	None
Cer No	13	¥.	1.33	1-36	1-37	1-38	1-39	9	7	1-42	£ - 1	<u>-</u>	S Y- 1	1-46	1.47	9	\$ -1	8:1	15-1	1-52	1.53	1.5	1-55	3 5:1	1.57	8 5-1	1-56	99-1	1-61	1-62	1-63	<u>*</u>	1-63	3 8	1-67
25.00	2380373	23PO373	23PO373	23PO373	23PO373	23PO373	23PO373	23PO373	23PO373	23PO373	23PO373	23PO373	23PO373	25PO373	23PO373	22PO373	23PO373	23PO373	23PO373	23PO373	23PO373	2.1PO373	23PO373 23PO373	23PO373	23PO373	23PO373	23PO373	23PO373							

APPENDIX B
Stone tools collected by Howard Wimmer

West Observed	None	None	None	None	None	Meat w/o bone contact	None	Meat w/o bone contact	Meat w/o bone contact	Mest w/bose confact	None	None	None	Bone/mater	Meat w/o brae contact	Mest w/o bose contact	Meat w/o bone contact	Meat w/bone contact	Meat w/bose contact	Meat w/o bone contact	Meat w/bone contact	Meat w/bore contact	None	None	None	Meat w/bone contact	Meat w/bone contact	None	None	None	None	Meat w/bone contact	None '	Meat w/bone contact	
Position in W	Initial 7.	Initial R	Undetermined N	[nitial	[nite]	Undetermined M	Indical N	Undetermined M	Undetermined M	Reshupened M		bound		Undetermined B		_	_	Undetermined N	Resharpened N		_	7		- 1		Undetermined	Undetermined	Undetermined N	Initial N	Undetermined N	Undetermined R	Undetermined	Undetermined	Undetermined	
wa Other																																			
Burlington Unknown	-	-	•	-	-	-		"	-		~				لشي	-			-	1			~		-	-	<u>-</u> -			-		-	_	-	
Keokuk																																			
Elsey	Į																																		
Reeds Spr																																			
Pierson																		-																	
Jeff. City								_				-					1				-						-								
Secondary	Zone	Nose	None	None	None	Scraper	- 2	¥ 2	Nose	2 2	None	None	Nose	None	None	None	None	None	None	None	None	Sompet	None	None	None	None	None	Zose	None	None	None	None	None	None	
S. R	28.1	\$ 6	Ξ	1.2	1-3	7	1.5	9	1	6-1	1-10	1-11	1-13	1-13	71-1	1-15	1-16	1-17	1.2	1:3	7	1-5	91	1-1	91	6-1	1-10	1-11	1-17	1-13	1-13	1:1	1.2	1-3	
Site No.	23FO373	23PO373	23PO374	23FO374	23PO374	23PO374	23PO374	23F0374	23F0374	23PO374	23PO374	23PO374	23PO374	23PO374	23PO374	23PO374	23PO374	23PO374	23PO375	23PO375	23PO375	23PO375	23PO375	23PO375	23PO375	23PO375	23PO375	23PO375	23PO375	23PO375	23PO375	23PO376	23PO376	23PO376	

APPENDIX B

Wear Observed	None	Meat w/bone contact	None	None	None	Meat w/bone contact	None	Wood	None	None	None	None	None	None	Meat w/bone contact	Meat w/bone contact	None	Meat w/bone contact	Meat w/bone contact	Meat w/bone contact	Meat w/o bone contact	Meat w/o bone contact	Meat w/bone contact	Meat w/bone contact	Meat w/bone contact	Mest w/bone contact	Meat w/bone contact	Meat w/bone contact	None	None	Meat w/bone contact	None	None .	Meat w/bone contact	None
Position in	Und-termined	Undetermined	Undetermined	Undetermined	Undetermined	Undetermined	(Indetermined	Undetermined	Undetermined		Undetermined	Undetermined	mised	Initial	Resharpened	Undetermined	Resharpened	Resharpened	Undetermined	Undelermined	Resharpened	Undetermined	Exhausted	Resharpered	Resharpened	Resharpened	Undetermined	Resharpened	Undetermined	Exhausted	Exhausted	(Indetermined)	Undetermined	Resharpened	Exhausted
Other																																			
Burlington Unknown	3		-	,	15 2	~	7							_				_	-		_					_		•		_					
Burlington		_		2	<u>_</u>				-		 1	_					-															-			
Keokuk																				-							-						-		
- Feed																																			
Reeds Spr																													1						
Pierson																																			
Jeff. City				7	7			-							-										-									-	-
Secondary	None	None	None	None	None	Nome	None	Digging?	None	None	None	Nose	None	None	None	None	None	None	Dart polat	None	Soraper	None	None	None	Dart point	None	None	Somper	None	None	None	None	None	None	None
C 75	1.5	91	1-1	1:1	1-7	1.3	7	9-1	1.1	1.8	6-1	1.10	1-11	1.12	1-13	1-14	1.15	1-16	1.17	1-18	61-1	1.20	1-21	1-12	1-23	1.7	1-25	97-1	17.1	1.28	1.39	1.30	1:-1	1-32	1-33
Site No.	23PO376	23PO376	23PO376	23PO377	23PO377	23PO377	23FO377	23FO377	23PO377	23PO377	23PO377	23PO377	23PO377	23PO377	23F0377	23PO377	23PO377	23PO377	23PO377	23PO377	23PO377	23FO377	23PO377	23PO377	23FO377	23PO377	23PO377	23PO377	23PO377	23PO377	23FO377	23PO377	23PO377	23PO377	23PO377

APPENDIX B

West Observed	None	None	Meat w/bone contact	Nose	Meat w/bone contact	Meat w/o bone contact	None	None	None	None	None	None	Note	Meat w/bone contact	None	None	None	None	None	None	None	None	None	Meat w/bone contact	Mest w/o bone contact	Meat w/bone contact	None	None	Meat w/bone contact	None	Meat w/o bone contact	None	None '	None	Meat w/bone contact
Position in	Undetermined	Exhrusted	Resharpened	Undetermined	Kesharpened	Undetermined 1	Undetermined ?	Undetermined	Undetermined	Undetermined		rmined	-	Undetermined	Undetermined		Undetermined		Undetermined	(Indetermined	Undetermined		Undetermined	Judetermined	Resharpered	Undetermined	Undeterailsed	Exhausted	Undetermined	Undetermined	Undetermined	Undetermined	Undetermined	Undetermined	Undetermined
own Other																																			
Unknown	_				_		-	_							۳		_			•	_		_		,-4				-		ت		_	. -	
Burlington						-				-							-			7						-	-		ت						
Keokuk																																			
Elsey																																			
Reeds Spr											-																								
Pierson																																			
Jeff. City		_		-									-		-	-1			_													_			-
Secondary	Nose	None	None	Nose	None	Dart polat	None	None	None	None	None	None	None	None	None	None	None	None	None	None	None	None	Nose	None	None	None	None	None	None	None	Dart point	None	None	None	None
Cat. No.	1-34	1.35	1-36	1-37	1-38	1-39	9-1	1-41	1-42	1.43	7-1	1-47	1.48	1-49	95-1	1-51	1-52	1-53	1-54	1:1	1-2	1-3	7	1-5	1-1	1.2	1-3	7	1.5 2.1	1:1	1.2	1-3	7	1.5	1.6
Sie No	L	23PO377	23PO377	23PO377	23PO377	23PO377	23FO377	23FO377	23PO377	23FO377	23PO377	23PC377	23FO377	23PO377	23PO377	2350377	23PO377	23PO377	23PO377	23FO378	23PO378	23PO378	23PO378	23PO378	23PO379	23PO379	2350379	23PO379	23PO379	23PO380	23PO380	23PO380	23PO380	23PO380	23PO380

APPENDIX B

Wear Observed	Meat w/bone contact	Meat w/o bone contact	None	Meat w/bone contact	Meat w/bone contact	Mest w/o bone contact	Nose	Nose	Wood	Wood	Mest w/bone contact	Meat w/bone contact	Meat w/bone contact	None	Meat w/bone contact	None	None	None	Meat w/o bone contact	Meat w/bone contact	None	None	Meat w/bone confact	Wood	None	None	Meat w/bone contact	Meat w/bone contact	Meat w/bone contact	Meat w/bone contact	None	Meat w/bone contact	Meat w/bode contact	Meat w/bone contact	Meat w/hone contact
Position in	Undetermined	Undetermined	Undetermined	Exhausted	Resharpened	Resharpened	Exhausted	Initial	Initial	Resharpened	Resharpened	Exhausted	Undetermined	Undetermined	Undetermined	Undetermined	initial	ledtial	laitiel	Tairia	Initial	Initial	Coffial	Undetermined	Undetermined	Undetermined	Resharpened	Undetermined	Undetermined	Resharpened	Undetermined	Undetermined	Undetermined	Resharpened	Exhausted
Other																																			
Unknown																																			
Burlington	1		-	#	#	1	_		•••			-	3 7	5 14	m 	1	₩.	-	1	-	-			-	-		-	_	-	_	_		-		Fed
Keutuk																																			
Elsey																																			
Roeds Sre																																			
Pierson																																			
Jeff. City		-																				-				-									
Secondary	None	None	None	None	None	Dert point	None	None	None	None	None	None	None	None	None	None	None	None	None	None	None	Nose	None	None	None	None	Noce	None	None	None	None	None	None	None	None
و و و	1.7	3-1	1-9	01-1	1.11	1.12	1-13	1.14	1.15	91-1	Ξ	1-2	1-3	7	1.5	91	1-1	\$ 9	6-1	1.10	11:11	1-12	1-13	1-14	1-15	91-1	1.17	1-18	1.19	1.33	12-1	1-22	1.23	1.24	1-25
Site No.	23PO380	23PO380	23PO380	23PO380	23PO380	23PO380	23PO380	23PO380	23PC380	23PO380	23PO381	23PO381	23PO381	23PO381	23PO381	23PO381	23PO381	23PO381	2370381	23PC381	23PO381	23PO381	23PO381	23PO381	2370381	2370381	23PO381	23PO381	23PO381	23PO381	23PO381	23PO381	23PO381	23PO381	23PO381

APPENDIX B
Stone tools collected by Howard Wimmer

	8				_				nised Mest w/bone contact																				thed None			nined Meat w/bone contact		
Undetermined Exhausted Undetermined Undetermined Undetermined Undetermined	Exhausted Undeterm Undeterm Undeterm	Undetermi Undetermi Undetermi	Undetermi Undetermi Undeterm	Undeterm	(Indeterm		Undetermined	Undetermined	Undetermined	Undetermined	Undetermined	Undetermined	Undetermined	Underentised	() odetermined	Undetermined	Undetermite 34	Undetermined	Undetermined	Resharpened	Undetermined	Undetermined	Resharpened	Undetermined	Restarpened	Undetermined	Undetermined	Undetermined	Resharpened	Undetermined	Undetermined	Undetermined		Initial
					_	_						_		1				-	-	-	~	=			_				-		æ			
				-							-													-								-	•	•
1																														_				
P NOT SO																																		
Jeff. City	-									-			-													**								
Secondary	None	None	None	None	Nome	None	Nose	Nose	Zone	None	Nose	None	None	None	None	None	None	None	None	None	None	None	None	None	None	None	None	None	None	Dart Point	None	Mone	300	None
١	1	1.23	8	8 7.	<u>06-1</u>	1-31	1-32	1-33	푯	1.35	.¥	1.37	1-38	£:	9	1-41	1.42	.	.1	9	1.46	7	1-48	?	9 ;	1-51	1.52	1.53	1-54	Ξ	1-2	2	:	7
	1 28	=	-	÷	÷	<u></u>	_	_	_																									

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190016			7		1	2	NACOR WE	DON INTO	Carron	Cycles	Control 12	West Company
7960.107		1 T L O C C L						~			Kesharpened	Meat w/bone contact
23FO382	⇔	None						-			Exhausted	None
23PO382	6.1	None						-			Undetermined	Meat w/bone contact
2.1PO383	Ξ	Nose.						6 55			Undetermined	None
23PO383	1.5	XoX.						5 7			Undetermined	None
23170383	1.3	No.						•	_		Undetermined	Meat w/bone contact
2380363	7	None						#			Undetermined	None
23PC383	1.5	None	~								Undetermined	Meat w/bone contact
23PO383	9-1	None	-								Resharpened	None
23PO383	1-3	None				-					Undetermined	Meat w/o bone contact
23PO383	1.0	None	_								Undetermined	Meat w/bone contact
23F0383	8-3	None									Undetermined	None
23PO383	1.10	None									Undeternvined	None
23PO383	1:11	Note	-								Undetermined	None
23PO383	1-13	None	_								Exhausted	Meat w/tone contact
23FC383	1.13	Note						=			Undetermined	None
23PC:83	1-14	None						•			Undetermined	None
23PO383	1-15	Note:						7			Undetermined	Meat w/bone contact
23PO383	1-16	Kaife						-			Undetermined	Mest w/bone contact
23PO383	1-17	Kalfe	_								Undetermined	Meat w/o bone contact
23PO383	1-18	None	1								Resharpened	Meat w/o bone contact
23PO383	61-1	None	-								Undetermined	None
2380383	1-30	None						_			Underermined	None
23PO383	1-21	None									Restarpened	Meat w/bone contact
23PO383	77-1	None	-								Resharpened	Mest w/o bose coatact
23PO383	1-23	Dert Polat						-			Undetermined	Meat w/bose costact
23PO3#3	7	None									Resharpened	Meat w/bone contact
23PO383	1-25	None	~								Resharpened	None
231:0383	1-26	None	-								Resharpened	Meat w/bone contact
23PO383	1-27	None						1			Resharpened	Meat w/bone contact
23PO383	1.28	None									Exhausted	None
23PO383	1:39	None						-			Exhausted	None
23PO383	1-30	None						1			Underermined	None '
23PO383	1.31	None	-								Undetermined	None
23PO383	1-32	None						-			Undetermined	None

APPENDIX B
Stone tools collected by Howard Wimmer

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APPENDIX B

Wer Observed	None	None	Meat w/bone contact	None	None	Meat w/o bone contact	None	Noe	Meat w/o bone contact	Nose	None	Meat w/bone contact	None	Nose	None	Measi w/bone contact	Mert w/bone contact	Meat w/some contact	Meat w/o bone contact	Bone/anther	Note:	Meat w/bone contact	Meat w/bone contact	None	Meat w/bone contact	Meat w/o bone contact	None	Meat w/o bone contact	None	None	None	None	None '	None	Wood
Position in W	rained		Resharpened M	India:	Resharpened N		Undetermined N	Exhausted N	Exhausted	Undeterraised N	_	board			**		Undetermined M	Resturpened M	Undetermined M	Exhausted B	Toitial T	Undetermined: M	Undetermined N	Initial N	Undetermined N	Undetermined N	Initial N	[nftin]	initial		Undetermined N	Undetermined	Initial	laitisi P	(Jaknown V
Other																																			
Unknown																																	-		
Burlington	2 3	_	-		_	₹		-								1	-		,,,,			-		1 3	-	-	2 2	_			2	, 21	12 6	1	-
Keokuk																																			
Elsey	1																																		
Roeds Spe																																	-		
Pierson																													_						
Jeff. City	4	7							-	-			_	-				-			-												V 1		
Secondary	None	None	None	None	None	None	None	None	None	None	None	None	None	None	None	None	None	Notes	None	None	None	None	None	None	None	None	None	None	None	None	None	None	None	None	None
Cet No.	Ξ	1.2	1.3	7	5:1	9-1	1-1	<u>~</u>	6.1	1-10	11-1	1-12	1-13	1-14	1-15	1-1	1-2	1-3	7	1.5	1.6	1-1	1-1	1-2	1.3	Ξ	1-2	1.3	7	1.5	9	1.1	1.5	1.6	1-1
Site No.	23PO388	23PO388	23PO388	23PO388	23PO388	23PO388	23PO388	23PO388	23PO388	23PO388	23PO388	23PO388	23PO388	23PO388	23PO388	23PO389	23PO389	23PO389	23PO389	23PO389	23PO389	23PO389	23PO390	23PO390	23PO390	23PO391	23PO391	23PO391	23PO391	23PO391	23PO391	23PO391	23PO394	2320394	23PO394

APPENDIX B

Similar.			مصدد جاديا	100	Metabook Like	1	ACOE WE	Daruma	Burlington Unichown	5	Postbon in	WOR CORONAL
23PO394	1-8	None	1							(1	Wood
23FO394 I	6-1	None						-			Resharpened	None
23PO394	1-10	None									Unknown	None
23PO394	1-11	None	V O					7	6 2		Unknown	Mest w/bose costact
23PO394	1-12	None	4					m	1		Unknown	Mest w/bose contact
23PO394 1	1-13	None						-			Resharpened	Mest w/o bone contact
2370394 1-	1-14	None							2 1		Unknown	Nose
23P0394 1	1-15	None							_		Inital	None
23PO394 1.	1-16	None									Initial	None
23PO394 1-	1-17	None									Unknown	Nose
23PO394 1-	1-18	Scraper									Unitrown	None
23PO394 1-	-16 I	None	~								r	Meat w/bone contact
23PO394 1.	S 02-1	Scraper							-		Resharpened	Mest w/bose contact
23PO394 1-	1-21 P	None	=								Unknown	Bone/anther
23PO394 1.	1.22	None	-								Unknown	Mest w/bose contact
	I-23 P	Nose							-		Resharpened	Mest w/bone contact
	1-24	8 2						-			Undetermined	None
_		Soraper							1		Initial	Meat w/bone contact
_		None						-			Resharpened	Bone/auther
		None							1		Resharpened	Meat w/bone contact
		Xone Xone						_			(Inknown	Meat w/bone contact
		None									Unknown	None
_	_	None						-			[nida]	Mest w/o bone contact
	_	None	-								Unknown	Meat w/o bone contact
	_	Caife							_		Unknown	Meat w/o bone contact
_	_	Kaife						-			Resharpened	Meat w/bone contact
	_	None							_		laitis!	None
_	N 25-1	None									Initial	Meat w/o bone contact
	_	€ oBe	-								Resharpened	Meat w/bone contact
		None						-			Exhausted	None
_	_	fore	7								Unknown	None
	N 66-1	None							,,		Restarpened	Meat w/bone contact
23PO394 1-4	N 04:	None	~								Exhausted	None .
_	Z 7-1	None						-			Unknown	Meat w/o bone contact
AND TOL IL	(A.)	Park Dadas						•				

APPENDIX B
Stone tools collected by Howard Wimmer

7:

				Advanced Initial Unknown	Meat w/o bone confact None Meat w/o bone contact
			-	Initial Unknown	None Meat w/o bone contact
			-	Unknown	Meat w/o bone contact
			-	10.45	
			-		
			-	Unknown	
			-	Unknown	Zone:
			-	Unknown	Zone
			-	Unimown	Zone:
			-	Unknown	ži č
				Caknown	Nose
				Unknown	None
			-	Unknown	None
				Unknown	None
1.56 None				Unknown	None
1-57 None				Unknown	Meat w/bone contact
				Unknown	Meat w/o bone contact
1-3 Nose	,		7	Unknown	Nose
1.4 None	•			Unknown	Meat w/bose costact
1.5 None	7		•	Unknown	Meat w/bone contact
1-6 None			-	Unknown	Bone/anther
				Initial	None
1-8 None				Unknown	None
1-9 None			-	Unknown	Meat w/bone contact
_				Advanced	
1-11 None				Resharpened	ed Meat w/hone contact
			-	Unknown	Bonc/uniter
			_	Exhausted	None
			_	Advanced	Meat w/bone confact
	-			Unknown	None
	-			Initial	None
		1		Faitist	None
_				Unknown	None
_			=	Coitial	None
	1 2			Initial	None
	-			Unknown	Meat w/o bone contact

APPENDIX B
Stone tools collected by Howard Wimmer

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APPENDIX B
Stone tools collected by Howard Wimmer

Wear Observed	None	None	Note	Meat w/bone contact	None	Meat w/bone contact	Mean w/bone contact	None	None	Meat w/bose contact	None	Meat w/o bone contact	None None	Zone Zone	Meat w/bone contact	Meat w/bone contact	Meat w/bone contact	Meat w/bone contact	Meat w/o bone contact	Meat w/bone contact	Meat w/o bone confact	None	Mest w/o bone contact	Meat w/bone contact	None	None	None	Meat w/bone contact	Mest w/o bone conserve	Meat w/bone contact	None	None	Meat w/bode contact	None	Meat w/bone contact
Position in	Initial	Initial	Unknown	Resharpesed	Unknown	Resharpened	Unknown	Exhausted	Initial	N/A	Inital	Unknown	Toidel	Unknown	(Jakaowa	Unknown	Fardy	Unknown	Unknown	Unknown	Unknown	Coitial	Unknown	(Jaknown	Initial	Unknown	Unknown	Resharpened	Unknown	Unknown	[nitlat	N/A	Resharpened	Initial	N/A
Unknown Other																																			1
Burlington Un			-						7	1 2	-		.	•4	_	_	,		=	-	.	3 2	-		-	=								7	4
Keokuk																																			
Elsey																																			
Roeds Spr																																			
Pierson	_			_																														1	
Jeff. City					-		-						m					-										1		7			=	-	7
Secondary	None	None	None	None	None	None	Nose	None	None	None	None	None	None	None	None	None	Scraper	None	None	None	None	Nose	Knife	None	Kose	None	None	Kose	Nose	None	Nose	None	Der point	None	None
Car No.	1:3	7	1.5	1-1	1-2	1.3	7	1.5	9	1-1	1.2	1:3	7	1.5	91	1.7	1.2	1.3	7	1.5	1.6	1-1	\$-1	6.1	1.10	1.11	1-12	Ξ	1-7	1.3	7	. Ξ	1.3	1	1.5
Site No.	23PO417	23PO417	23PO417	23PO418	23PO418	23PO418	23PO418	23PO418	23PO418	23PO418	23PO419	23PO419	23PO419	23PO419	23PO419	23PO419	23PO420	23PO420	23PO420	23PO420	23PO420	23PO420	23PO420	23PO420	23PO420	23PO420	2390420	23PO421	23PO421	2390421	23PO421	23PO422	23PO422	23PO422	23PO422

APPENDIX B
Stone tools collected by Howard Wimmer

Wear Observed	Meat w/o bone contact	None	Meat w/o bone contact	None	Meat w/bone contact	Bone/antler	None	None	None	Mest w/o bone contact	Bone/anther	None	None	Meat w/bone contact	Mest w/bone contact	Mest w/bose contact	None	None	Meat w/bone contact	Bone/antler	None	Mest w/o bone contact	None	None	None	None	None	Meat w/o bone contact	K
Position in	Resharpened	Exhausted	Exhausted	Exhausted	Unknown	Unknown	Exhausted	Initial	loitial	Initial	Resharpened	Unknown	Unknown	Unknown	Exhausted	Unknown	Initial	[mitial	Unknown	Resharpened	Initial	Initial	Inital	Exhausted	Unknown	Initial	[nitia]	Unknown	f in branama
Other																													
Burlington Unknown					_			_			يخ.				-														_
Burlington			1		_				-					.		7		-	~	_		-					- -		<u></u>
Keokuk																													
Bery																													
Roeds Spr										-																			
Person																-													
Jeff. City	-						***					•	7			1					_								
Secondary	None	No.	Scraper	Note	None	None	None	None	None	None	None	None	None	None	None	None	None	None	Kaife	None	None	Scraper	None	None	None	None	None	None	None
2	Ξ	1-7	1.3	<u> </u>	1.5	1.6	Ξ	1.7	1.3	1-1	1-2	- -	1-2	1-1	1-1	1-2	1-3	7	1-1	1:2	1-3	7	1-5	1:1	1-2	1.3	1-1	1.7	-
SUC NO.	23PO424	23PO424	2310424	23PO424	23PO424	23PO424	23PO425	23PO425	23PO425	23PO430	23PO430	23PO433	23PO433	23PO434	23PO435	23PO435	23PO435	23PO435	23PO440	23PO443	2370443	23PO443	2370443	23FO446	2370446	23PO446	23PO451	23PO451	2320451

APPENDIX B
Stone tools collected by Howard Wimmer

23CE436 1.1 None Impact fracture 10.7 5.3 23CE436 1.2 None None None 9.2 4.0 23CE447 1.1 Hilde-wet None None 9.2 4.0 23CE447 1.2 None None None 11.1 4.8 23CE448 1.1 None None None 6.2 3.0 23CE448 1.2 None None None 12.7 4.1 23CE448 1.3 None None 12.7 4.1 23CE448 1.5 None None 13.7 4.0 23CE448 1.5 None None 13.7 4.1 23CE448 1.5 None None 13.7 4.1 23CE448 1.6 None None 13.1 4.2 23DA52 1.1 None None 13.1 4.2 23DA52 1.2 Hide-wet None </th <th>\$3.000000000000000000000000000000000000</th> <th>0.0 0.7 0.7 0.7 0.7 0.9 0.9 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0</th> <th>1.8 2.5 Missing 2.0 2.0 Missing 0.0 0.0 Rounded 0.0 0.0 Missing 1.1 0.0 Missing 0.0 0.0 Missing</th> <th>Missing Damaged Missing Damaged Rounded Excurvate Missing Damaged Missing Damaged Pointed Asymmetrical Missing Lancolate Rounded Asymmetrical Missing Straight Missing Missing Missing Missing Missing Missing</th> <th>Sloping Sloping None None Bartbed Bartbed None None None None None None None None</th> <th>Corner removed Corner removed Unnotched Corner Corner Corner Unnotched Unnotched Unnotched Unnotched Unnotched Unnotched Corner Seasi Corner</th> <th>Contracting Contracting Unstemmed Unstemmed Expunding Expunding Unstemmed /th>	\$3.000000000000000000000000000000000000	0.0 0.7 0.7 0.7 0.7 0.9 0.9 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	1.8 2.5 Missing 2.0 2.0 Missing 0.0 0.0 Rounded 0.0 0.0 Missing 1.1 0.0 Missing 0.0 0.0 Missing	Missing Damaged Missing Damaged Rounded Excurvate Missing Damaged Missing Damaged Pointed Asymmetrical Missing Lancolate Rounded Asymmetrical Missing Straight Missing Missing Missing Missing Missing Missing	Sloping Sloping None None Bartbed Bartbed None None None None None None None None	Corner removed Corner removed Unnotched Corner Corner Corner Unnotched Unnotched Unnotched Unnotched Unnotched Unnotched Corner Seasi Corner	Contracting Contracting Unstemmed Unstemmed Expunding Expunding Unstemmed
1-2 None None 9.2 1-1 Hide-wet None None 11.1 1-2 None None None 11.1 1-1 None None None 6.2 1-1 None None None 6.6 1-2 None None None 12.7 1-3 None None None 13.7 1-4 None None None 13.7 1-5 None None 13.7 1-1 None None 13.7 1-1 None None 13.7 1-2 Hide-wet None 13.7 1-3 None None 13.7 1-4 None None 1.6 1-3 None None 1.6 1-4 None None 1.6 1-4 None None 1.6 1-5 None None 1					Sloping None Barbed Barbed None None None None None None None Square Barbed Square Barbed Square	Corner removed Unnorthed Corner Corner Corner Corner Unnorthed Unnorthed Unnorthed Unnorthed Unnorthed Corner Bassi Corner	Contracting Unstemmed Unstemmed Expanding Expanding Unstemmed Unstemmed Unstemmed Unstemmed Unstemmed Unstemmed Expanding Panilel
1-1 Hide-wet None None 11.1 1-2 None None None 32.3 1-1 None None None 6.2 1-2 None None None 6.6 1-3 None None None 12.7 1-4 None None None 13.7 1-5 None None None 13.7 1-1 None None 13.1 1-2 Hide-wet None 13.1 1-3 None None 14.9 1-4 None None 16.5 1-1 None None 16.5 1-2 None None 24.9 1-3 None None					None None Barbed Barbed None None None None None None None None	Unnotched Unnotched Corner Corner Unnotched Unnotched Unnotched Unnotched Unnotched Unnotched Unnotched Corner Bassi Corner	Unstranced Unstranced Expanding Expanding Expanding Unstranced Unstranced Unstranced Unstranced Unstranced Unstranced Expanding
1-2 None None None 32.3 1-1 None None None 6.2 1-2 None None None 6.2 1-3 None None None 12.7 1-4 None None None 13.7 1-5 None None None 13.7 1-1 None None None 6.3 1-2 Hide-wet None None 6.3 1-3 None None 1.6 1.6 1-4 None None None 6.3 1-1 None None 1.6 9.7 1-1 None None None 9.7 1-1 None None None 24.9 1-1 None None 24.9 1-2 None None 24.9 1-3 None None 24.9 1-4 None None					None Barbed Barbed None None None None None Square Barbed Square Missing	Unnotched Corner Corner Unnotched Unnotched Unnotched Unnotched Unnotched Unnotched Corner Bassi Corner	Unstranced Expanding Expanding Expanding Unstranced Unstranced Unstranced Unstranced Unstranced Unstranced Expanding Expanding
1-1 None None 62 1-2 None None 66 1-3 None None 12.7 1-4 None None 12.7 1-5 None None 13.7 1-7 None None 13.7 1-1 None None 13.1 1-1 None None 18.1 1-1 None None 16.2 1-2 Hide-wet None None 6.5 1-3 None None 1.6 1-1 None None 1.6 1-1 None None 5.5 1-1 None None 24.9 1-2 None None 24.9 1-3 None None 24.9 1-4 None None 24.9 1-3 None None 24.9 1-4 None None 24.9				_	Barbed Barbed None None None None None Square Barbed Square Missing	Corner Corner Unaocthed Unaocthed Unaocthed Unaocthed Unaocthed Corner Bassi Corner	Expanding Expanding Unstemmed Unstemmed Unstemmed Unstemmed Unstemmed Unstemmed Expanding Expanding
1-2 None None None 66 1-3 None None 12.7 1-4 None None 12.7 1-5 None None 13.7 1-7 None None 13.7 1-1 None None 18.1 1-1 None None 18.1 1-2 Hide-wet None 18.1 1-3 None None 1.6 1-4 None None 1.6 1-1 None None 1.6 1-1 None None 2.3 1-2 None None 2.4 1-3 None None 2.4 1-4 None None 2.4 1-3 None None 2.4 1-4 None None 2.4 1-5 None None 2.4 1-7 None None 2.4				_	Barbed None None None None None None Square Barbed Square Missing	Corner Unanotched Unanotched Unanotched Unanotched Unanotched Corner Bassh Corner	Expunding Unsternmed Unsternmed Unsternmed Unsternmed Unsternmed Expunding
1.3 None None None 12.7 1.4 None None None 34.5 1.5 None None 13.7 1.7 None None 13.7 1.1 None None 18.1 1.2 Höde-wet None 18.1 1.3 None None 6.5 1.4 None None 0.5 1.2 None None 0.5 1.3 None None 0.7 1.4 None None 0.7 1.3 None None 0.7 1.4 None None 0.7 1.3 None None 0.7 1.4 None None 0.7 1.5 None None 0.7 1.5 None None 0.7 1.5 None None 0.7 1.5 None None 0.7 <				_	None None None None None Square Barbed Square Missing	Unnotched Unnotched Unnotched Unnotched Unnotched Corner Beesl Corner	Unsternmed Unsternmed Unsternmed Unsternmed Unsternmed Missing Expanding
1.4 None None 345 1.5 None None None 13.7 1.5 None None 13.7 1.1 None None 13.1 1.1 None None 18.1 1.2 Höde-wet None 6.5 1.3 None None 6.5 1.4 None None 0.5 1.2 None None 0.5 1.3 None None 0.7 1.4 None None 0.7 1.3 None None 0.7 1.4 None None 0.7 1.4 None None 0.7 1.4 None None 0.7 1.5 None None 0.7 1.5 None None 0.7 1.5 None None 0.7 1.5 None None 0.7 <t< th=""><td></td><td></td><td></td><td>_</td><td>None None None None Square Barbed Square Missing</td><th>Unnotched Unnotched Unnotched Unnotched Corner Beesl Corner</th><td>Unstramed Unstramed Unstramed Unstramed Missing Expanding</td></t<>				_	None None None None Square Barbed Square Missing	Unnotched Unnotched Unnotched Unnotched Corner Beesl Corner	Unstramed Unstramed Unstramed Unstramed Missing Expanding
1.5 None None 13.7 1.6 None None 31.7 1.7 None None 23.1 1.1 None None 18.1 1.2 Hide-wet None 6.5 1.3 None None 6.5 1.4 None None 0.5 1.1 None None 0.7 1.2 None None 0.7 1.3 None None 0.7 1.4 None None 0.7 1.3 None None 0.7 1.4 None None 0.7 1.4 None None 0.7 1.4 None None 0.7 1.5 None None 0.7 1.5 None None 0.7 1.5 None None 0.7 1.5 None None 0.7 1.6 <td< th=""><td></td><td></td><td></td><td>2220020</td><td>None None None None Square Barbed Square Missing</td><th>Unnotched Unnotched Unnotched Unnotched Corner Beest Corner</th><td>Unstrained Unstrained Unstrained Missing Expanding</td></td<>				2220020	None None None None Square Barbed Square Missing	Unnotched Unnotched Unnotched Unnotched Corner Beest Corner	Unstrained Unstrained Unstrained Missing Expanding
1-6 None None 31.7 1-7 None None 23.1 1-1 None None 23.1 1-1 None None 18.1 1-2 Häde-wet None None 6.5 1-3 None None 0.5 1-1 None None 0.5 1-1 None None 0.7 1-2 None None 0.7 1-1 None None 0.7 1-2 None None 0.7 1-3 None None 0.7 1-4 None None 0.7 1-3 None None 0.7 1-4 None None 0.7 1-5 None None 0.7 1-6 None None 0.7 1-7 None None 1.4 1-8 None None 1.4 <t< th=""><td></td><td></td><td></td><td></td><td>None None None Square Barbod Square Missing</td><th>Unnotched Unnotched Conner Bess Corner Unnotched</th><td>Unstemmed Unstemmed Missing Expanding</td></t<>					None None None Square Barbod Square Missing	Unnotched Unnotched Conner Bess Corner Unnotched	Unstemmed Unstemmed Missing Expanding
1-7 None None None 13.1 1-1 None None 18.1 1-1 None Impact "acture 4.9 1-2 Hilde-wet None None 6.5 1-3 None None 0.5 1-1 None None 1.6 1-2 None None 0.7 1-3 None None 0.7 1-3 None None 0.7 1-4 None None 0.7 1-4 None None 0.7 1-5 None None 0.7 1-5 None None 0.7 1-6 None None 0.7 1-7 None None 0.7 1-7 None None 0.7				20,20,2	None None Square Barbod Square Missing	Unnotched Corner Bassi Corner	Unstrumed Missing Expanding
1-5 Nône Nône Nône 18.1 1-1 Nône Impact "acture 4.9 1-2 Hâde-wet Nône Nône 6.5 1-3 Nône Nône 0.5 1-1 Nône Nône 1.6 1-2 Nône Nône 9.7 1-3 Nône Nône 5.6 1-4 Nône Nône 24.9 1-5 Nône Nône 7.8 1-5 Nône Nône 1.4 1-5 Nône Nône 7.8 1-7 Nône Nône 64.1					None Square Barbed Square Missing Barbed	Unnotched Corner Beest Corner Unnotched	Missing Expanding Partiel
1-1 None Impact "noture 4.9 1-2 Hilde-wet None None 6.5 1-3 None None 0.5 1-4 None None 1.6 1-1 None None 5.5 1-2 None None 9.7 1-3 None None 5.6 1-4 None None 24.9 1-5 None None 7.8 1-5 None None 1.4 1-6 None None 64.1				0, 2 0, w	Square Barbed Square Missing Barbed	Corner Basal Corner Untrocked	Expanding Parailei
1-2 Filtde-wet None None 6.5 1-3 None None None 0.5 1-4 None None 1.6 1-1 None None 5.5 1-2 None None 9.7 1-3 None None 5.6 1-4 None None 24.9 1-5 None None 7.8 1-6 None None 1.4 1-7 None None None 64.1	2.1 4.1	0.8 0.2 0.5			Barbed Square Missing Barbed	Basal Corner Unnotched	Parallel
1.3 None None None 0.5 1.4 None None None 1.6 1.1 None None 5.5 1.2 None None 9.7 1.3 None None 5.6 1.4 None None 24.9 1.5 None None 7.8 1.6 None None 1.4 1.7 None None None 64.1		0.2		ψ, μ.	Square Missing Barbed	Corner Unnotched	
1-4 None None None 1.6 1-1 None None None 5.5 1-2 None None 9.7 1-3 None None 9.7 1-4 None None 24.9 1-5 None None 7.8 1-6 None None 1.4 1-7 None None None 64.1		0.5	_	~	Missing Barbed	Unnotched	Expunding
1-1 None None None 5.5 1-2 None None None 9.7 1-3 None None 5.6 1-4 None None 24.9 1-5 None None 7.8 1-6 None None 1.4 1-7 None None None	2.1 1.5				Barbod		Missing
1-2 None None None 9.7 1-3 None None None 5.6 1-4 None None 24.9 1-5 None None 7.8 1-6 None None 1.4 1-7 None None None	3.0 3.3	9.0	2.1 2.0 Missing	ng Missing		Corner removed	Contracting
1-3 None None None 5.6 1-4 None None None 24.9 1-5 None None 7.8 1-6 None None 1.4 1-7 None None None 64.1	4.1 2.5	6.0	1.5 2.5 Missing	ng Straight	None	Side	Expending
1-4 None None None 24.9 1-5 None None None 7.8 1-6 None None 1.4 1-7 None None 64.1	3.8 1.8	0.8	0.0 0.0 Missing	ag Asymmetrical	None	Unnotched	Unsternmed
1.5 None None None 7.8 1.6 None None None 1.4 1.7 None None None 64.1	5.2 4.1	6.0	0.0 0.0 Missing	ng Excurvate	Note	Unnotched	Unstemmed
1-6 None None None 1.4	3.4 2.7	0.7	0.0 0.0 Missing	Excurvate	None	Unpotrbed	Missing
1-7 None None 64.1	1.9 1.4	0.5	0.0 0.0 Damaged	ged Straight	None	Unnotched	Missing
	0.0 0.0	0.0	0.0 0.0 Missing	Messing	None	Unnotched	Unstemmed
1.1 None	2.9 2.5	9.0	0.9 2.0 Missing	ng Straight	Barbed	Corner	Expending
1-2 None None 1.0	_	4.0	0.5 1.0 Pointed	od Straight	Square	Side	Expanding
1-3 Hilde-wet None None 5.4	4.0 2.5	9.0	0.0 C.O Pointed	of Excurvate	Missing	Missing	Missing
1-4 None None	2.7 2.4	7 .0	0.0 0.0 Pointed	d Excurate	Missing	Missing	Missing
1.5 None None None 40.0	0.0 0.0	0.0	0.0 0.0 Missing	ng Missing	None	Unnotched	Unstemmed
1-1 None	2.6 2.6	0.7	0.0 0.0 Broad	Excurrate	None	Unnotched	Unsternined
1-1 None	1.2 2.3	9.0	1.0 2.3 Missing	ng Missing	Missing	Side	Expanding
1-2 None	4.2 3.0	0.8	0.0 0.0 Missing	ng Excurvate	None	Unnotched	Missing
1-3 None	2.9 2.9	0.7	0.0 0.0 Broad	Excurvate	Missing	Missing	Missing
1-4 None None	7.3 4.1	2.1	0.0 0.0 Missing	ng Excurvate	None	Unnotched '	Unsternmed
1-5 None None None	4.0 2.2	0.7	0.0 0.0 Pointed	d Excurate	Sloping	Side	Unstemmed
_	3.9 3.8	1.2	0.0 0.0 Missing	ng Missing	None	Unnotched	Unsternmed

11. None None None None None None 11. do None None None None 11. do None None 11. do None None 11. do None None <th>Site No.</th> <th>Cat No.</th> <th></th> <th></th> <th></th> <th>(S)</th> <th>Overall Size</th> <th>Size</th> <th>Ser</th> <th>Stem Size Morphologi</th> <th>Morphological Attributes</th> <th></th> <th></th> <th></th>	Site No.	Cat No.				(S)	Overall Size	Size	Ser	Stem Size Morphologi	Morphological Attributes			
1.3 None	23DA362	1-1	None	None	None	17.2	1.9	1	l	23	Excurvate	Sloping	Corner removed	Parallel
1.3 Nome	23DA362	1-2	None	None	Nose	1.9	2.5	2.4 0			Straight	None	Unnotched	Unsternmed
1.4 Hobe with Nome Performing 4.3 3.9 1.0 O.O. N.A. N.A. N/A. N/A. 1.1 Nome Nome <th>23DA362</th> <th>1.3</th> <th>None</th> <th>None</th> <th>Nobe</th> <th>5.1</th> <th>2.1</th> <th></th> <th></th> <th>_</th> <th>Straight</th> <th>Missing</th> <th>Unknown</th> <th>Messing</th>	23DA362	1.3	None	None	Nobe	5.1	2.1			_	Straight	Missing	Unknown	Messing
1.3 None None None 3.2 0.0 0.0 0.0 Modinarie Missing None Unabschool 1.1 None	23DA 362	7	Hide-wet	None	Perforating	4.3	3.9	3.1 0	_	_	٧X	N/A	K/A	N/A
1.1 None None None None 15.7 4.8 4.0 1.3 Honds Stright Burbol Construction 1.1 None	23DA362	1-5	None	No.	None	32.6	0.0		_	_	Missing	None	Unnotched	Unsternmed
1-1 None	23DA364	1-1	None	None	None	15.7	4 .8		9.	.3 3.1 Broad	Straight	Rurbed	Corner	Expanding
1.2 None	23DA365	1-1	None	None	None	16.8	5.2		19 I.	.7 2.6 Missing	Recurred	Burbed	Corner	Expanding
1-3 None None Impact fancture 4,0 2,1 0,0 Indicating Missing Missing Missing Construction 1-4 None None None None None 1,6 1,0 21 Missing Missing </th <th>23DA365</th> <th>1-2</th> <th>None</th> <th>None None</th> <th>None</th> <th>2.5</th> <th>2.8</th> <th>_</th> <th>۵.</th> <th>5 1.1 Pointed</th> <th>Recurred</th> <th>Missing</th> <th>Corner</th> <th>Expanding</th>	23DA365	1-2	None	None None	None	2.5	2.8	_	۵.	5 1.1 Pointed	Recurred	Missing	Corner	Expanding
14 None N	23DA 365	1:3	None	None		4.0	2.3	2.1 0	•	• •	Missing	Missing	Corner	Expanding
1.5 None None None None None 9.1 4.8 2.2 0.0 0.0 Pointed Excurvate Missing Mi	23DA365	7	Z Sog	None	Note	3.6	2.0	3.2 0	_		Missing	Barbed	Unknown	Missing
16 None N	23DA365	5 -1	None	None	None	1.6	₩.	2.2 0	-		Excurse	Missing	Missing	Missing
1-7 None None None None None Unanothed 1-8 None None None None 1.4 4.0 4.1 0.0 0.0 Missing None Unanothed 1-8 None None None None None 1.4 4.0 4.1 1.6 0.0 0.0 Missing None Unanothed 1-1 None None None None 1.4 4.0 4.1 1.6 2.0 0.0 0.0 Missing None Unanothed 1-2 None None None None 1.4 4.1 1.6 1.8 1.8 1.6 1.8 1.8 1.9 1.0 0.0 None None Unanothed 1-3 None None None None None 1.2 4.1 2.3 4.0 0.0 0.0 0.0 None None Unanothed 1-1 None <td< th=""><th>23DA365</th><th>1.6</th><th>None</th><th>None</th><th>None</th><th>2.4</th><th>1.8</th><th>1.8 0</th><th>7 0</th><th></th><th>Straight</th><th>Missing</th><th>Unknown</th><th>Missing</th></td<>	23DA365	1.6	None	None	None	2.4	1.8	1.8 0	7 0		Straight	Missing	Unknown	Missing
14 None None None 14 4,1 6,1 6,0 M. Missing Missing None Unmorthed 1.9 None None None None 13,5 0,0 0.0 0.0 Missing Nichigh None Unmorthed 1.1 None	23DA365	1.7	None	None	Zoge	65.2	5.9	6.1 I			Missing	None	Unnotched	Unstermed
1-9 None	23DA365	P	None	None	None	21.4	€.0	4.1 0			Missing	None	Unsotched	Unsternmed
1-1 None	23DA365	6-1	None	None	None	31.5					Missing	None	Unnotched	Unsternmed
1-2 None	23DA366	1-1	None	Nose	None	36.2	8.7	4.1 I	•		Excurate	Square	Corner removed	Paraffel
1.3 None None None None 1.0 6.7 3.6 0.7 1.4 3.7 Rusing Barbed Comer 1.4 None None None None None 1.2 3.5 0.6 0.9 2.0 Missing Barbed <	23DA366	1-2	None	Zog Z	None	14.7	3.5	4.6 0	 	3 2.8 Missing	Straight	Burbed	Becal	Expanding
1.4 None None None None None 3.8 1.0 3.5 0.6 0.9 2.2 Missing Micking Burded Beath 1.5 None None None None 12.7 4.7 2.3 1.9 0.7 0.0 0.0 Pointed Stocking Stocking <t< th=""><th>23DA366</th><th>1-3</th><th>None</th><th>None</th><th>None</th><th>22.0</th><th>6.7</th><th>_</th><th>() I.</th><th>.4 3.5 Rounded</th><th>Struight</th><th>Barbed</th><th>Corner</th><th>Expanding</th></t<>	23DA366	1-3	None	None	None	22.0	6.7	_	() I.	.4 3.5 Rounded	Struight	Barbed	Corner	Expanding
1-5 None None Impact fracture 8.8 5.3 1.9 0.0 0.0 Polated Excurate Stoping Side 1-6 None None None None 12.7 4.7 2.3 1.0 1.3 2.6 Mesting Straight Stoping Side 1-7 None None None None None 1.0 1.4 Broad Excurate Stoping Side 1-10 None None None None 1.1 2.4 1.1 2.4 Missing Straight Stoping Conner 1-10 None None None 1.3 2.4 1.7 1.4 Broad Conner 1-11 None None None 1.5 2.3 1.1 2.4 Missing Straight Stoping Conner 1-12 None None 1.5 2.3 1.4 1.4 2.2 Missing Straight Stoping Conner 1-13	23DA366 .	7.	None	None	None	3.8	2.0	_			Missing	Barbod	Basal	Expanding
1-6 None None 12.7 4.7 2.3 1.0 1.3 6.6 Missing Straight Stoping Side 1-7 None None 9.8 3.7 3.3 0.8 1.4 3.1 Broad Excurvate Square Corner 1-7 None None None 5.2 3.1 0.7 1.4 Broad Excurvate Barted Corner 1-10 None None None 11.3 4.6 3.5 0.7 1.8 2.4 Missing Straight Square Corner 1-10 None None None 1.3 2.8 1.7 1.5 2.0 Missing Straight Square Sq	23DA366	1.5	None	None		80	5.3	_			Excurate	Sloping	Side	Lobed
1-7 None	23DA366	1.6	None	None	None	12.7	4.7	2.3	.0	3 2.6 Missing	Straight	Sloping	Side	Expanding
1-8 None None None S.8 3.9 2.4 0.7 1.4 Broad Excurvate Barbed Corner 1-19 None None None 1.13 4.6 3.5 0.7 1.8 2.2 Missing Excurvate Barbed Corner 1-10 None None None None 1.13 4.6 3.5 0.7 1.8 2.0 Missing Excurvate Barbed Corner 1-11 None None None None 1.3 2.8 0.7 1.5 2.0 Missing Excurvate Side 1-12 None None None 1.5 2.2 3.1 0.8 1.3 2.3 Missing Straight Barbed Basal 1-13 None None Battering 2.3 2.9 1.1 2.2 2.2 Missing Excurvate Shoping Corner removed 1-14 None None 16.3 2.3 2.9 1.1 2.2	23DA366	1-7	None	None	None	9.8	3.7	3.3 0	. T	.4 3.1 Broad	Excurvate	Square	Comer	Expanding
1-9 None None None Sob 2.3 3.1 0.7 1.0 2.4 Missing Straight Square Conner 1-10 None None None 11.3 4.6 3.5 0.7 1.8 2.2 Missing Excurvate Barbed Basal 1-11 None None None 15.6 5.2 3.1 0.8 1.3 2.3 Missing Straight Stoping Corner removed 1-13 None None 15.6 5.2 3.1 0.8 1.3 2.3 Missing Straight Stoping Corner removed 1-14 None None Battering 2.1 0.8 1.3 2.3 Missing Straight Stoping Corner removed 1-14 None None 16.3 6.2 2.3 0.9 0.0 0.0 Pointed Excurvate Stoping Corner removed 1-15 None None 16.3 6.2 2.3 0.9 0.0 0.	23DA366	*	None	None	None	5.8	3.9	2.4 0	7		Excurvate	Barbed	Corner	Expanding
1-10 None None None None None 11.3 4.6 3.5 0.7 1.8 2.2 Missing Excurvate Barbed Basal 1-11 None None None 15.6 5.2 3.1 0.8 1.3 2.3 Missing Excurvate Stoping Corner removed 1-13 None None Impact fracture 3.4 3.2 2.3 0.4 0.6 1.4 Missing Straight Stoping Corner removed 1-14 None None Bartering 21.8 3.9 1.9 1.1 2.2 2.2 Missing Excurvate Stoping Corner removed 1-15 None None None 16.3 6.2 2.3 0.9 0.0 1.3 Missing Excurvate Barbed Baxal 1-16 None None None 14.7 4.7 4.3 0.9 1.2 2.4 Missing Excurvate Barbed Baxal 1-18 None	23DA366	6-1	None	Kone	None	5.6	2.3	3.1 0	7		Straight	Square	Corner	Expanding
1-11 None None None 15 4.3 2.8 0.7 1.5 2.0 Missing Excurvate Square Side 1-12 None None None 15.6 5.2 3.1 0.8 1.3 2.3 Missing Straight Stoping Conser removed 1-13 None None Bartering 2.1 2.2 2.2 Missing Straight Barbed Bassl 1-14 None None None 16.3 6.2 2.3 0.9 0.0 0.0 Pointed Excurvate Stoping Conser removed 1-15 None None None 16.3 6.2 2.3 0.9 0.0 0.0 Pointed Excurvate Barbed Barsl 1-15 None None 14.7 4.7 4.3 0.7 1.2 2.7 Missing Excurvate Barbed Bartering 1-18 None None None 9.5 3.9 2.2 0.8 1.3	23DA366	1-10	None	None	None	11.3	4.6	3.5 0	7 1	8 2.2 Missing	Excurvate	Barted	Bassal	Parallel
1-12 None None None 156 5.2 3.1 0.8 1.3 2.3 Missing Straight Stoping Corner removed 1-13 None None Battering 2.3 0.4 0.6 1.4 Missing Straight Barbod Bassl 1-14 None None Battering 2.3 2.9 1.1 2.2 2.2 Missing Excurvate Stoping Coract removed 1-15 None None 16.3 6.2 2.3 0.9 0.0 1.3 Missing Excurvate Stoping Coract removed 1-15 None None 16.3 6.2 2.3 0.9 0.0 1.3 Missing Excurvate Barbed Bassl 1-15 None None 9.5 3.9 2.2 0.8 1.2 2.4 Missing Asymmetrical Barbed Bassl 1-19 None None 9.5 3.9 2.2 0.8 1.1 2.7 Missing Asymmetrical	23DA366	1:1	None	None	None	8.2	•		7 1	5 2.0 Missing	Excurvate	Square	Side	Expending
1-13 None Impact fracture 3.4 3.2 2.3 0.4 0.6 1.4 Missing Straight Barbed Basel 1-14 None None Battering 21.8 5.9 1.1 2.2 2.2 Missing Excurvate Sloping Orzer removed 1-15 None None None 16.3 6.2 2.3 0.9 0.0 1.3 Missing Excurvate None Unnoiched 1-16 None None None 14.7 4.7 4.3 0.7 1.2 2.7 Missing Excurvate Barbed Bassal 1-18 None None 9.5 3.9 2.2 0.8 1.3 2.5 Missing Incurvate None Side 1-19 None None 9.5 3.9 2.7 1.1 2.7 Missing Asymmetrical Barbed Basel 1-19 None None 9.4 3.1 2.5 0.9 0.0 0.0 Missing None	23DA366	1.12	None	None	None	15.6	5.2	3.1 0	 •	3 2.3 Missing	Straight	Sloping	Corner removed	Parallel
1-14 None Bartering 21.8 5.9 2.9 1.1 2.2 2.2 Missing Excurvate Stoping Coracr removed 1-15 None None None 16.3 6.2 2.3 0.9 0.0 0.0 Pointed Excurvate None Unnoched 1-16 None None 14.7 4.7 4.3 0.7 1.2 2.7 Missing Excurvate Barted Basal 1-18 None None 9.5 3.9 2.2 0.8 1.3 2.5 Missing Incurvate None Side 1-19 None None 9.5 3.9 2.2 0.8 1.1 2.7 Missing Asymmetrical Barteri 1-20 None None 9.5 3.9 2.2 0.8 1.1 2.7 Missing Asymmetrical Barteri 1-20 None None 9.4 3.1 2.5 0.9 0.0 0.0 Missing Asymmetrical None	23DA366	1-13	None	None	Impact fracture	3.4	3.2	2.3	0	_	Straight	Barbed	Bass?	Expanding
1-15 None None 16.3 6.2 2.3 0.9 0.0 0.0 Pointed Excurvate Barked Barked 1-16 None None None 14.7 4.7 4.3 0.7 1.2 2.7 Missing Excurvate Barked Bassal 1-18 None None 9.5 3.9 2.2 0.8 1.3 2.5 Missing Incurvate None Side 1.1 2.7 Missing Avymmetrical Barked Bassal 1.2 1.2 2.4 Missing Avymmetrical Barked Side 1.2 1.2 2.4 3.5 0.7 1.1 2.7 Missing Avymmetrical Barked Comer 1.2 <th>23DA366</th> <th>1-14</th> <th>None None</th> <th>None</th> <th>Bartering</th> <th>21.8</th> <th>•</th> <th>2.9</th> <th>.. 2</th> <th>2 2.2 Missing</th> <th>Excurvate</th> <th>Sioping</th> <th>Corner removed</th> <th>Contracting</th>	23DA366	1-14	None None	None	Bartering	21.8	•	2.9	. . 2	2 2.2 Missing	Excurvate	Sioping	Corner removed	Contracting
1-16 None None None 20.9 5.5 3.4 0.9 0.0 1.3 Missing Excurvate Barbed Breaf 1-17 None None None 14.7 4.7 4.3 0.7 1.2 2.7 Missing Excurvate Barbed Basel 1 1-18 None None 9.5 3.9 2.2 0.8 1.3 2.5 Missing Incurvate None Side 7 1-19 None None None 9.4 3.1 2.5 0.9 0.0 0.0 Missing Asymmetrical Harbed Barted Corner 1-20 None None None 9.4 3.1 2.5 0.9 0.0 0.0 Missing Straight None Side	23DA366	1-13	None	None	None	16.3	6.2	2.3	_		Excurvate	None	Uanotched	Unsternmed
1-17 None None None 14.7 4.7 4.3 0.7 1.2 2.7 Missing Excurvate Batted Basal 1-18 None None None 9.5 3.9 2.2 0.8 1.3 2.5 Missing Incurvate None Side 7 1-19 None None None 9.4 3.1 2.5 0.9 0.0 0.0 Missing Asymmetrical Harbed Corner 1-20 None None None 9.4 3.1 2.5 0.9 0.0 0.0 Missing Straight None Side	23DA366	1.16	None	None	None	20.9	5.5	3.4 0	0		Excurvate	Barbed	Bassail	Parallet
1-18 None None None 9.5 3.9 2.2 0.8 1.3 2.5 Missing Increase None Side	23DA366	1-17	None	None	None	14.7	4.7	4.3 0.	.7	2 2.7 Missing	Excurvate	Barbed	Basal	Expanding
1-19 None None Battering 12.7 4.4 3.5 0.7 1.1 2.7 Missing Asymmetrical Barbed Comer 1.20 None None None 9.4 3.1 2.5 0.9 0.0 0.0 Missing Straight None Side	23DA366	1-18	None	None	None	\$.6	3.9	2.2	⊷	3 2.5 Missing	Incurvate	None	Side	Lobed
1-20 None None None 9.4 3.1 2.5 0.9 0.0 0.0 Missing Straight None Side	23DA366	1-19	None	None	Battering	12.7	4.4	3.5 0.	7 1.	1 2.7 Missing	Asymmetrical	Farhed	Comer	Expanding
	23DA 366	1.20	None	None	None	4.6	3.1				Straight	None	Side	Unsternmed

APPENDIX B
Stone tools collected by Howard Wimmer

Site No.	Cat No.				W(g)	Overall Size	Size	SE	Stem Size Morphological Attributes	opical Attributes			
23DA 366	1-21	None	None	Note	3.3	2.3	2.4 (0.4 0	0.8 L.7 Missing	Missing	Miresing	Corrocr	Expanding
23DA366	1-22	None	None	None	11.7	0.0	0.0	0.0	0.0 0.0 Missing	Missing	None	Unknown	Missing
23DA366	1.23	None	None	None	16.0	0.0	0.0	0.0	0.0 0.0 Mirsing	Missing	None	Unnotched	Missing
23DA366	1-24	None	None	None	8.7	4.0	3.7 (0.6	0.0 0.0 Missing	Excurvate	Missing	Corner	Expending
23DA366	1.23	None	None	None	12.4	4.3	3.4 (0.9	3 3.1 Missing	Missing	Missing	Side	Expanding
23DA366	1-26	None	None	Nose	1.9	9.1	1.9	3.5	S 15 Missing	Missing	Square	Conset	Expanding
23DA 366	1-27	None	Nose	Battering	6.3	2.1	2.7 (1.8.1	1.3 2.3 Miraing	Missing	Sloping	N/A	Contracting
23DA366	1-28	None	None	None	7.5	3.0	4.0	9.6	0.0 0.0 Broad	Excurvate	Mixsing	Missing	Missing
23DA366	1-23	None	None	None	7,7	3.6	2.0 0.2	9.6	0.0 0.0 Pointed	Excurvate	Mississippi	Mississippi	Mississippi
23DA366	œ: <u>1</u>	None	Nose	Nose	8.7	4.6	2.3	0.6 0	0.0 0.0 Duraged	d Excurate	None	Unknown	Missing
23DA366	1.31	None	None	Nose	6.9	2.3	3.5	0.6	0.0 0.0 Missing	Excurvate	Nose Nose	Unknows	Missing
23DA366	1-32	None	None	Chopping	\$16	7.6	4.9	2	0.0 0.0 Convex	Excurvate	Noon	Unsolched	Unsemmed
23DA366	1.33	None	Nose	None	7:98	9.9	4.8	8.	0.0 0.0 Missing	Excurste	None	Utanotched	Unsteamed
23DA366	¥-1	None	None	None	17.9	8.8	3.6	0.7 0	O.C O.O Rounded	Facurvate	None	Unnotched	Unstenmed
23DA366	1-35	None	None	None	31.6	5.5	4.5	3 0	0.0 0.0 Rounded	1 Excurvate	None	Unsotched	Unstemmed
23DA366	38	Nose	None	None	5.3	3.6	2.3 (<u>ير</u> 0	0.0 0.0 Broad	Excurvate	Non	Unnotched	Unremmed
23DA366	1.37	None	None	None	1.97	1.4	5.7	0.8.0	0.0 0.0 Missing	Missing	None	Unnotched	Unstemmed
23DA366	1.38	None	None	None	22.9	5.1	4.8	0 6:0	0.0 0.0 Missing	Miresing	None	Unsotched	Unstemmed
23DA366	1-39	None	None	None	27.0	4.0	4.5	0 1.	0.0 0.0 Missing	Missing	None	Unnotched	Unsternmed
23DA366	1.40	None	None	None	28.2	4.7	4.7	0 0	0.0 0.0 Missing	Excurvate	None	Unnotched	Unstranmed
23DA366	1.42	None	None	None	829.5	0.0	0.0	0.0	O:0 0:0 N/A	N/A	K/X	N/A	Y/V
23DA366	1.43	None	None	Nose	2.8	1.7	2.6	0.50	0.5 1.8 Missing	Missing	Barbed	Besal	Expanding
23DA366	4.	None	None	None	2.2	2.8	2.0	3.0	0.5 1.0 Pointed	Excurvate	Square	Comer	Expanding
23DA366	1.45	None	None	None	18.5	4.4	3.2	0.9	2 2.4 Damaged	7	Stoping	Side	Parallel
23DA366	1.46	Note	None	None	33.7	4.6	5.7 0	0 6:	0.0 0.0 Missing	Missing	None	Unpotched	Unstemmed
23DA366	1-47	Nasc	None	None	0.9	3.7	2.2	7.0	0.0 Pointed	Straight	Missing	Unnotched	Missing
23DA 366	1.48	None	None	None	7.6	2.5	7 17	9.	1.0 0.0 Broad	Excurvate	Missing	Unnotched	Missing
23DA366	1.49	None	None	None	1:11.1	0.0	0.0	0.0	0.0 N/A	Y /N	٧,٧	N/A	V/V
23DA367	1-1	None	None	None	3.7	3.5	1.9	97	3.7 1.3 Damaged	d Straight	Square	Side	Expanding
23DA367	1-2	None	None	Impact fracture	8 9.	3.4	2.7 (1.8.1	1.4 2.2 Missing	Straight	Square	Corner removed	Parallel
23DA367	1:3	Note	None	None	12.3	4.1	3.8	0 6.	0.0 0.0 Broad	Excurvate	Missing	Missing	Missing
23DA367	7.	Note	None	None	95.2	0.0	0.0	0.0	0.0 0.0 Missing	Missing	None	Unnotched	Unsternmed
23DA368	1-1	None.	None	None	13.3	3.9	4.2 (1.7	.3 2.7 Missing	Facurvate	Barbed	Corner	Expanding
23DA368	1.2	Wood	None	None	18.3	4.4	3.7 (.4 2.8 Missing	Straight	Barbed	Corner	Expanding
23DA368	1.3	Wood	None	None	10.0	3.4	2.8 0	0 8.	7 0.8 Missing	Straight	Barbed	Side	Parallet

1-4 None None None None 100 39 3.2 0.7 1.2 3.0 Missing Straight	Sile No. Cat No.	No			WI(g)	Overall Size	Size	Sten	Stem Size Morphologi	Morphological Attributes			
1.5 None None None None 4.6 2.4 2.7 0.6 1.1 1.9 Micring Straight 1.1 None None Impact fracture 8.2 2.4 2.7 0.5 1.1 2.4 Micring Micring 1.1 None None Impact fracture 8.5 2.2 8.0 1.6 2.8 Micring Micring 1.1 None None Impact fracture 9.6 3.2 3.1 0.7 1.5 3.0 Micring Micring 1.1 Hide-west None None 3.2 2.0 3.1 0.7 1.5 3.0 Micring Micring 1.1 Hide-west None None None 2.1 2.0 0.0 1.1 1.7 Micring Micring 1.1 Micring Micr	23DA368 1-	None	Nobe	Noue	10.0	3.9	3.2 (1. 1.	.2 3.0 Mirsing	Straight	Square	Side	Expanding
1-6 None None Impact fracture 8.2 3.4 2.4 0.7 1.1 2.4 Missing Missing 1-7 None None impact fracture 7.3 2.7 2.8 0.1 1.3 Missing 1-9 None None impact fracture 7.8 2.7 2.8 0.9 1.6 2.8 Missing 1-10 None None None 3.2 3.3 0.7 1.4 2.4 Missing Missing 1-10 None None None 2.0 2.3 0.7 1.4 2.4 Missing Missing 1-11 None None None 2.9 2.4 0.7 0.0 0.0 Missing Stright 1-13 None None None None 1.2 2.9 2.4 0.7 0.0 0.0 Missing Stright 1-13 None None None 1.2 2.9 2.4 0.7 0.0 0.0 Missing <th>23DA358 L-</th> <th>S None</th> <th>Zobe Cobe</th> <th>None</th> <td>4.6</td> <td>2.4</td> <td>2.7 (</td> <td>.6 1.</td> <td>.1 1.9 Missing</td> <th>Straight</th> <th>Rarbed</th> <th>Corner</th> <td>Expanding</td>	23DA358 L-	S None	Zobe Cobe	None	4.6	2.4	2.7 (.6 1.	.1 1.9 Missing	Straight	Rarbed	Corner	Expanding
1-7 None None Impact fracture 75 2.7 2.8 0.9 1.6 2.8 Missing Missing 1-3 None None Impact fracture 78 2.6 3.1 7 1.4 2.4 Missing Missing 1-10 None None None 3.9 1.8 2.0 1.1 1.7 Missing Missing 1-11 Höderert None None None 4.2 2.0 0.0 1.1 1.4 2.4 Missing Missing 1-12 Höderert None None 4.2 2.0 0.0 1.1 1.4 1.4 2.4 0.7 0.0 0.0 Missing Excurvate 1-13 None None None 1.2 2.0 2.0 0.0	_		None	Impact fracture	8.2	3.4	2.4 (1.7	.1 2.4 Missing	Missing	Missing	Corner	Expanding
1.3 None None Impact fracture 7.8 2.6 3.1 1.5 3.0 Missing Missing 1.10 None None impact fracture 9.6 3.2 3.0.7 1.4 3.0 Missing Shalpit 1.10 None None None 3.9 1.8 2.3 0.7 1.3 1.8 Missing			None	Impact fracture	7.5	2.7	2.8	e.c	.6 2.8 Missing	Missing	Square	Corner	Expanding
1-9 None None Hopac fracture 9.6 3.2 3.3 3.7 1.4 2.4 Missing Straight 1-10 Hone None None 3.9 1.8 2.3 0.7 1.1 Missing Missing 1-11 Hole with None None None 2.1 5.0 2.0 0.0 1.1 Missing Missing 1-13 None None None 1.2 5.0 2.0 0.0 1.1 Missing Missing 1-14 None None None None 1.2 1.0 0.0 0.0 Missing Straight 1-15 None None None None 1.2 1.0 0.0 0.0 Missing Straight 1-15 None None None 1.1 4.0 2.0 0.0 0.0 Missing Straight 1-10 None None None None None 1.1 4.0 2.0 0.0 0.0 Missing <td< th=""><th></th><th></th><th>None</th><th>Impact (nacture</th><td>7.8</td><td>2.6</td><td>3.1 (</td><td>1. 1.</td><td>5 3.0 Missing</td><th>Missing</th><th>Rarbed</th><th>Comer</th><td>Expanding</td></td<>			None	Impact (nacture	7.8	2.6	3.1 (1. 1.	5 3.0 Missing	Missing	Rarbed	Comer	Expanding
1-10 None None 39 1.8 2.3 0.7 1.3 1.8 Missing Missing <th< th=""><th></th><th>_</th><th>None</th><th>Impact fracture</th><td>9.6</td><td>3.2</td><td>3.3 (</td><td>1 1</td><td>4 2.4 Missing</td><th>Straight</th><th>Missing</th><th>Corner removed</th><td>Parallel</td></th<>		_	None	Impact fracture	9.6	3.2	3.3 (1 1	4 2.4 Missing	Straight	Missing	Corner removed	Parallel
1-11 Höde-wert None None 32 2.0 2.3 06 1.1 1.1 Missing Missing 1-12 Bone/antler None None 43 3.1 2.1 0.9 0.0 1.0 Missing Excurvate 1-13 None None None 5.0 2.9 2.4 0.7 0.0 0.0 Missing Excurvate 1-14 None None None 1.2 2.9 2.6 0.0 0.0 Missing Straight 1-16 None None None 1.2 2.9 2.8 0.0 0.0 Missing Straight 1-18 Höbe None None 1.2 2.9 0.0 0.0 0.0 0.0 Douglesder Excurvate 1-18 Höbe None None None 1.4 2.9 0.0 0.0 Douglesder Excurvate 1-20 None None None None Non		_	None	None	3.9	8.1	23 (1 1	3 1.8 Missing	Missing	Square	N/A	Parallet
1-12 Bone-hauler None None 4 3.1 2.1 0.9 0.0 1.9 Missing Everyane 1-13 None None None 4 3.1 2.1 0.9 0.0 1.9 Missing Missing 1-13 None None Perforating 3.1 2.1 0.9 0.0 0.0 Missing Straight 1-15 None None None None 1.2 3.9 2.9 0.0 0.0 Dimension Straight 1-16 None None None 1.2 3.0 0.0 0.0 Dimension Straight 1-19 None None None 1.4 4.6 2.7 0.0 0.0 Dimension Excurvate 1-20 None None None None 4.9 3.2 0.7 0.0 0.0 Pointsion Excurvate 1-23 None None None None		-	None	None	3.2	2.0	2.3 (1 9.	.1 1.7 Missing	Mirsing	Square	Corner removed	Expanding
1-13 None None None 4.8 3.1 2.1 0.9 2.0 0.0 Missing Missing 1-14 None None None None None 1.2 0.6 0.0 0.0 Missing Straight 1-15 None None None 1.2 0.6 0.0 0.0 Missing Straight 1-16 None None None 1.2 0.6 0.0 0.0 Demissing Straight 1-17 None None None 1.2 4.8 2.8 0.8 0.0 0.0 Porturate 1-17 None None None None 4.3 2.8 3.0 0.0 0.0 Polo Polated Excurvate 1-20 None None None None 4.3 2.8 3.0 0.0 0.0 Polo Polated Excurvate 1-21 None None None None None		_	_	None	21.2	5.0	3.6	.9 0.		Excurvate	Square		Missing
1-14 None None None S 2.9 2.4 0.7 0.0 O.0 Missing Straight 1-15 None None None None 12.1 50 2.8 0.0 0.0 Missing Straight 1-15 None None None 14.6 4.1 3.9 0.0 0.0 Missing Straight 1-16 Höden None None None 14.6 4.1 3.9 0.0 0.0 Rounded Excurvate 1-18 Höden None None None 14.6 4.1 3.9 0.0 0.0 Poleired Excurvate 1-19 None None None None 4.9 3.2 3.7 0.0 0.0 Poleired Excurvate 1-21 None None None None None 4.3 2.8 3.0 0.0 0.0 Poleired Excurvate 1-23 None None None None None 4.3 <th></th> <th>_</th> <th>None</th> <th>None</th> <td>4.8</td> <td>3.1</td> <td>2.1 (</td> <td>3.9 2.</td> <td></td> <th>Missing</th> <th>Barbed</th> <th>Corner</th> <td>Expanding</td>		_	None	None	4.8	3.1	2.1 (3.9 2.		Missing	Barbed	Corner	Expanding
1-15 None None Perfonning 3.1 2.9 1.2 0.0 0.0 Messing Straight 1-16 None None None 12.1 5.0 2.8 0.0 0.0 Denning Excurvate 1-17 None None None 1.4 4.1 3.9 0.7 0.0 0.0 Posined Excurvate 1-19 None None None None 4.9 3.2 3.0 0.7 0.0 0.0 Posined Excurvate 1-20 None None None 4.9 3.2 3.0 0.7 0.0 0.0 Posined Excurvate 1-21 None None None 4.3 2.8 3.0 0.7 0.0 0.0 Posined Excurvate 1-23 None None None 1.4 4.2 2.7 0.0 0.0 Posined Excurvate 1-24 None None None None None 1.4 4.0 0.0		_	None	Nose	5.6	2.9	2.4 (Straight	None	Unnotched	Unsternmed
1-16 None None None 121 5.0 2.8 0.8 0.0 0.0 Damaged Excursite 1-17 None None None 14.6 4.1 3.9 0.7 0.0 0.0 Rounded Excursite 1-18 Höde-wrt None None 11.5 4.6 2.7 0.7 0.0 0.0 Polated Excursite 1-19 None None None 4.9 3.2 0.7 0.0 0.0 Polated Excursite 1-20 None None None 4.3 2.8 3.4 0.5 0.0 0.0 Polated Excursite 1-21 None None None 11.4 7.0 2.0 0.0 0.0 Polated Excursite 1-22 None None None 11.4 7.0 2.0 0.0 0.0 Polated Excursite 1-23 None None None 12.6 2.4 2.9 0.0 0.0 Polated Excursite 1-24 None None None No		_	None		3.1	5.9	1.2	.6 0.		Straight	None See	N/A	Missing
1-17 None None None 146 4.1 3.9 0.7 0.0 0.0 Rounded Excurate 1-18 Höde-writ None None 11.5 4.8 2.8 0.8 0.0 0.0 Pointed Excurate 1-19 None None None 11.5 4.8 2.8 0.0 0.0 Pointed Excurate 1-20 None None None None 4.3 2.8 3.4 0.0 0.0 Pointed Excurate 1-21 None None None None 11.4 7.0 2.0 0.0 0.0 Pointed Excurate 1-22 None None None None 2.26.4 0.0 <t< th=""><th></th><th>_</th><th>None</th><th>None</th><td>12.1</td><td>5.0</td><td>2.8 (</td><td>0.8</td><td></td><th>Excurvate</th><th>Missing</th><th>Missing</th><td>Missing</td></t<>		_	None	None	12.1	5.0	2.8 (0.8		Excurvate	Missing	Missing	Missing
1-18 Höde-writ None None 11.5 4.8 2.8 0.8 0.0 O Polated Excurvate 1-19 None None None 4.9 3.2 3.7 0.7 0.0 0.0 Polated Excurvate 1-20 None None None 4.9 3.2 3.7 0.7 0.0 0.0 Polated Excurvate 1-21 None None None 4.3 2.8 3.4 0.7 0.0 0.0 Polated Excurvate 1-22 None None None 11.4 7.0 2.0 0.7 0.0 0.0 Polated Excurvate 1-24 None None None 11.4 7.0 2.0 0.7 0.0 0.0 N/A N/A 1-25 None None None 12.6 4.0 0.0 0.0 0.0 N/A N/A 1-27 None None None None None 12.4 2.3 0.0 <th></th> <th>_</th> <th>None</th> <th>None</th> <td>14.6</td> <td>17</td> <td>3.9</td> <td>1.7 0.</td> <td></td> <th>Excurvate</th> <th>Missing</th> <th>Unknown</th> <td>Missing</td>		_	None	None	14.6	17	3.9	1.7 0.		Excurvate	Missing	Unknown	Missing
1-19 None None None None None None Anne Anne <th< th=""><th></th><th>_</th><th>None</th><th>None</th><td>11.5</td><td>87</td><td>2.8 (</td><td>.8 0.</td><td></td><th>Excurvate</th><th>None</th><th>Unnotched</th><td>Unsternmed</td></th<>		_	None	None	11.5	87	2.8 (.8 0.		Excurvate	None	Unnotched	Unsternmed
1-20 None None None 49 3.2 3.2 0.7 0.0 0.0 Poleirsd Excurate 1-21 None None None 4.3 2.8 3.4 0.5 0.0 0.0 Poleirsd Excurate 1-22 None None None 11.4 7.0 2.0 0.7 0.0 0.0 Poleirsd Excurate 1-23 None None None 11.4 7.0 2.0 0.7 0.0 0.0 Poleirsd Excurate 1-24 None None None 12.6 0.0		_	None	None	7.4	4.6	2.7 (7.7 0.		Excurvate	Missing	Missing	Missing
1.21 None None None 4.3 2.8 3.4 0.5 0.0 0.0 Pointed Excurvate 1-22 None None None 11.4 7.0 2.0 0.7 0.0 0.0 Pointed Excurvate 1-23 None None None 11.4 7.0 2.0 0.7 0.0 0.0 N/A N/A 1-24 None None None 11.4 7.0 2.0 0.7 0.0 0.0 N/A N/A 1-25 None None None 12.6 3.6 0.7 1.1 1.8 Missing Danaged 1-25 None None None 12.6 3.2 2.6 0.7 1.1 1.8 Missing Danaged 1-27 None None None 12.6 3.3 0.6 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0		_	None	None	4.9	3.2	3.2 (7.7 0.		Excurvate	Missing	Unknown	Missing
1-22 None None None 4.5 2.5 3.0 0.7 0.0 0.0 Poleted Excurvate 1-23 None None None 11.4 7.0 2.0 0.7 0.0 0.0 N/A 1-24 None None None 226.4 0.0 0.0 0.0 0.0 N/A N/A 1-25 None None None 6.3 3.6 4.2 0.9 1.5 2.3 Missing Duraged 1-25 None None None 12.6 6.3 3.0 0.6 0.0 0.0 Missing Duraged 1-27 None None None None 17.4 3.3 4.2 0.9 0.0 0.0 Missing Duraged 1-28 None None None None 17.4 3.3 4.2 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	_		None	None	4.3	2.8	3.4 (.S. 0.		Excurste	Missing	Unknown	Missing
1-23 None None None 11.4 7.0 2.0 0.7 0.0 0.0 N/A N/A 1-24 None None None 226.4 0.0 0.0 0.0 0.0 0.0 N/A 1-25 None None None 24.3 5.4 4.2 0.9 1.5 2.3 Missing Damaged 1-26 Fione None None 12.6 6.3 3.0 0.6 0.0 0.0 Missing Damaged 1-27 None None None 12.6 6.3 3.0 0.6 0.0 0.0 Missing Damaged 1-28 None None None 16.3 5.3 3.6 0.0 0.0 Missing Damaged 1-30 None None Perforating 1.6 3.5 3.0 0.0 0.0 Missing Straight 1-3 None None None 1.7 2.2 1.3 0.4 0.0 0.0 Missing <th></th> <th></th> <th>None</th> <th>Zoge Zoge</th> <td>4.5</td> <td>2.5</td> <td>3.0 (</td> <td>.7 0.</td> <td></td> <th>Excurvate</th> <th>Missing</th> <th>Missing</th> <td>Missing</td>			None	Zoge Zoge	4.5	2.5	3.0 (.7 0.		Excurvate	Missing	Missing	Missing
1-24 None None 226.4 0.0 0.0 0.0 0.0 N/A 1-25 Noue None None 24.3 5.4 4.2 0.9 1.5 2.3 Missing Damaged 1-26 Fione None None None 12.6 6.3 3.0 0.6 0.0 0.0 Missing Damaged 1-27 None None None None 12.6 6.3 3.0 0.6 0.0 0.0 Missing Damaged 1-28 None None None 17.4 3.3 4.2 1.0 0.0 0.0 Missing Damaged 1-31 None None None 17.4 3.3 4.2 1.0 0.0 0.0 Missing Damaged 1-3 None None None 17.4 3.3 4.2 1.0 0.0 0.0 Missing Damaged 1-3 None None None None None 1.4 2.7		_	None	Nose	11.4	7.0	2.0 (N/A	K/A	K/X	XX
1-25 None None None None None L43 5.4 4.2 0.9 1.5 2.3 Missing Damaged 1-26 None None None None None 12.6 6.3 3.0 0.6 0.0 0.0 Missing Damaged 1-27 None None None None 12.6 6.3 3.0 0.6 0.0 0.0 Missing Damaged 1-28 None None None None 17.4 3.3 4.2 1.0 0.0 0.0 Missing Damaged 1-30 None None 17.4 3.3 4.2 1.0 0.0 0.0 Missing Damaged 1-1 None None Perforating 1.4 3.3 4.2 1.0 0.0 0.0 Pointed Excurvate 1-1 None None None 1.4 2.7 Missing Straight 1-2 None None None None <		_	None	None	226.4					٧Z	Y/N	N/A	Z/X
1-26 Höne Nöne Höne Höne <td< th=""><th></th><th></th><th>None</th><th>None</th><td>24.3</td><td>5.4</td><td>4.2</td><td>.1 6:</td><td>5 2.3 Missing</td><th>Camaged</th><th>Barbed</th><th>Corner removed</th><td>Parallel</td></td<>			None	None	24.3	5.4	4.2	.1 6:	5 2.3 Missing	Camaged	Barbed	Corner removed	Parallel
1-27 None None Hone 12.6 6.3 3.0 0.6 0.0 0.0 Missing Parmaged 1-28 None None None 7.6 5.0 2.3 0.7 0.0 0.0 Missing Damaged 1-20 None None None 17.4 3.3 4.2 1.0 0.0 0.0 Missing Damaged 1-30 None None Perforating 1.6 3.5 1.0 0.5 0.0 0.0 Missing Damaged 1-1 None None Perforating 1.4 4.2 3.0 0.9 1.4 2.7 Missing Straight 1-2 None None None None 0.8 1.5 1.0 0.5 0.0 0.0 Missing Straight 1-4 Hore None None None 0.8 1.5 1.0 0.5 0.0 0.0 Missing Missing 1-5 None None None None		_	Z-S	None	6.5	3.8	2.6	1.7 1.	.1 1.8 Missing	Damaged	Square	Corner removed	Expanding
1-28 None None None 76 5.0 2.3 0.7 0.0 0.0 Missing Damaged 1-29 None None None 17.4 3.3 4.2 1.0 0.0 0.0 Pointed Excurate 1-30 None None Perforating 1.6 3.5 1.0 0.5 0.0 0.0 Pointed Excurate 1-31 None Perforating 1.6 3.5 1.0 0.5 0.0 0.0 Pointed Excurate 1-1 None None Battering 1.4 2.7 1.0 0.5 0.0 0.0 Pointed Excurate 1-2 None None None 5.1 2.8 2.6 0.5 1.1 2.4 Missing Straight 1-3 Hore None None None 0.8 1.5 1.0 0.4 0.5 0.9 Missing Missing 1-5 None None None None 0.0 0.0		_	None	None	12.6	6.3	3.0	0 9		[Jamaged	Missing	Unnotched	Contracting
1-20 None None <th< th=""><th></th><th>_</th><th>None None</th><th>None</th><td>7.6</td><td>5.0</td><td>2.3 C</td><td>.7 0.</td><td></td><th>Damaged</th><th>Missing</th><th>Unnotched</th><td>Missing</td></th<>		_	None None	None	7.6	5.0	2.3 C	.7 0.		Damaged	Missing	Unnotched	Missing
1-30 None None Perforating 17.4 3.3 4.2 1.0 0.0 0.0 Missing Damaged 1-31 None Perforating 1.6 3.5 1.0 0.5 0.0 0.0 Pointed Straight 1-1 None Battering 14.2 4.2 3.0 0.9 1.4 2.7 Missing Excurvate 1-2 None None 1.1 2.8 2.6 0.5 1.1 2.4 Missing Straight 1-3 Flore None None 0.8 1.5 1.0 0.4 0.5 1.0 2.1 Missing Straight 1-4 Hore None None 0.8 1.5 1.0 0.4 0.5 0.9 Missing Missing 1-5 None None None 4.7 2.8 2.3 0.6 0.0 0.0 N/A N/A		_	None	Nose	16.3	**1	3.6	.6		Excurvate	Nobe	Unnotched	Missing
1-31 None Perforating 16 3.5 1.0 0.5 0.0 0.0 Pointed Straight 1-1 None Battering 142 4.2 3.0 0.9 1.4 2.7 Missing Excursate 1-2 None None None 5.1 2.6 0.5 1.1 2.4 Missing Straight 1-3 Flore None Impact fracture 4.8 2.6 2.1 0.6 1.0 2.1 Missing Straight 1-4 Hore None None 0.8 1.5 1.0 0.4 0.5 0.9 Missing Straight 1-5 None None None 1.7 2.2 1.3 0.4 0.0 0.0 Missing Missing 1-6 Höde-dry None None 4.7 2.8 2.3 0.6 0.0 0.0 N/A N/A		~- 	None	None	17.4	3.3	4.2	0.0		[)amaged	None	Unnotched	Unsteamed
1-1 None Battering 14.2 4.2 3.0 0.9 1.4 2.7 Missing Excurvate 1-2 None None 5.1 2.8 2.6 0.5 1.1 2.4 Missing Straight 1-3 Flore None Impact fracture 4.8 2.6 2.1 0.6 1.0 2.1 Missing Straight 1-4 Hore None None 0.8 1.5 1.0 0.4 0.5 0.9 Missing Straight 1-5 None None None 1.7 2.2 1.3 0.4 0.0 0.0 Missing Missing 1-6 Hode-dry None None A.7 2.8 2.3 0.6 0.0 0.0 M/A N/A		_	Zoge Zoge	Perforating	9.1	3.5	1.0	.5 0.	_	Straight	None	Unpotched	Unstemmed
1-2 None None 5.1 2.8 2.6 0.5 1.1 2.4 Missing Straight 1-3 Fone None Impact fracture 4.8 2.6 2.1 0.6 1.0 2.1 Missing Straight 1-4 None None None 1.7 2.2 1.3 0.4 0.5 0.9 Missing Missing 1-5 None None None None 4.7 2.8 2.3 0.6 0.0 0.0 N/A N/A	_	_	None	Bettering	14.2	4.2	3.0	1.9	.4 2.7 Mix-ing	Excurvate	Sloping	Side	Expanding
1-3 Fone None Impact facture 4.8 2.6 2.1 0.6 1.0 2.1 Missing Straight 1-4 Hore None None 0.8 1.5 1.0 0.4 0.5 0.9 Missing Straight 1-5 None None None 1.7 2.2 1.3 0.4 0.0 0.0 Missing Missing 1-6 Hide-dry None None 4.7 2.8 2.3 0.6 0.0 0.0 N/A		_	None	None	5.1	2.8	2.6 C	1.	.1 2.4 Missing	Stralight	Missing	Unknown	Expanding
14 None None None 0.8 1.5 1.0 0.4 0.5 0.9 Missing Straight 1.5 None None None 1.7 2.2 1.3 0.4 0.0 0.0 Missing Missing 1.6 Hibde-dry None None 1.7 2.8 2.3 0.6 0.0 0.0 N/A N/A		_	None	Impact fracture	* :	2.6	2.1 (1.6 1.	.0 2.1 Missing	Straight	Square	Corner	Expanding
1-5 None None None 1.7 2.2 1.3 0.4 0.0 0.0 Missing Missing 1.6 Hide-dry None None 4.7 2.8 2.3 0.6 0.0 0.0 N/A N/A	23DA369 1-4	None	None	None	0.8	1.5	0.1).4 O.	5 0.9 Missing	Straight	Barbed	Comer	Expanding
1-6 Historia None None 4.7 2.8 2.3 0.6 0.0 0.0 N/A N/A	_	None	None	Nobe	1.7	2.2	1.3	1.4 0.		Missing	None	Unnotched .	Unstermond
	23UA369 1-6	15de dry	None	None	4.7	2.8	2.3 (.6 0.	_	< %	Y Z	N/A	N/A
1.7 None None None 0.9 2.6 1.1 0.3 0.5 0.9 Pointed Incurvate	23DA369 (-7	None	None	No se	0.0	5.6	1.1	3 0.	S 0.9 Pointed	Incurvate	Square	Side	Expanding

APPENDIX B

Site No	N 25				(Aug)	Owenell Sim	Į,	3	Chem Size Montholog	Mombological Arribular			
	=	Sec.	No.	None	1	17		101	١,	Semiahr	Sauer	W/W	Paratter
000000000000000000000000000000000000000	: :			- 1		, ,					, marker (
23DA3/0	7-1	None	2086	None	19.4	→	3.4			Straight	Square	Corner removed	Proffe
23DA370	1.3	Zone Zone	None	Impact fracture	8.2	3.2	2.9 0	0.8	I.1 1.7 Missing	Excurvate	Sloping	¥2	Proffe
23DA370	7	None	None	None	13.9	3.7	3.5 0	0.9	.4 2.7 Missing	Excurvate	Barbed	Conser	Expanding
23DA370	5-1	None	None	None	12.0	5.3	2.7 0	0.6 2.0	0 2.9 Missing	Straight	Sloping	Site	Expending
23DA370	9:1	None	None	None	13.4	3.8	3.7 0	6	.8 2.9 Missing	Recurved	Stoping	4 /2	Contracting
23DA370	1.1	None	None	None	10.3	4.4	3.6	÷:	7 2.9 Missing	Recurred	Sloping	٧ž	Contracting
23DA370	<u>.</u>	None	None	None	7.9	5.9	3.1 0	.7 0.0	0 0.0 Noteing	Recurred	Barbed	Corner	Missing
23DA370	6-1	None	None	None	6. 3	4.5	3.1 0	0.7 0.0	0 0.0 Pulnted	Excurvate	Missing	Unknown	Messing
23DA370	1-10	None	None	None	13.9	4.9	3.0 0.	0.7 0.0	0 0.0 Missing	Straight	Missing	Unknown	Missing
23DA370	11-1	None	None	None	7.2	3.7	23 0	0.0 8.0	0 0.0 Missing	Excurate	Missing	N/A	Missing
230A370	1-12	None	None	None	4.9	1.7	3.3 0	0.7 0.0	0 0.0 Broad	Excurate	Missing	Unknown	Missing
23DA370	1-13	None	None	None	21.0	3.7	1 0.4	.8 0.0	0.0 0	Excurvate	None	Unnotched	Unstrained
23DA370	1-14	None	None	Battering	3.0	0.0	0.0	0.0 0.0	0 0.0 Missing	Asymmetrical	Missing	Unknown	Missing
23DA370	1-15	None	None	None	74.3	0.0	0.0	0.0 0.0	0 0.0 N/A	N/A	Y /V	N/A	N/A
23DA371	1:1	None	None	None	13.0	3.3	5.3 0	8 1.0	0 3.0 Missing	Missing	Burbed	Besaf	Expunding
23DA371	1.2	Kone	None	None	10.3	3.5	3.8 0	0.7 0.5	5 2.0 Missing	Excurvate	Burbed	Basal	Expending
23DA371	1.3	None	None	None	15.9	5.4	3.4 0	-1 -9	5 2.0 Missing	Excurate	Sloping	Corner removed	Contracting
23DA371	7	None	None	None	16.6	3.7	1.9	0.	5 33 Missing	Excurrite	Burbed	Corner	Expanding
23DA371	1-5	Zone Sone	None	Impact fracture	89	3.5	3.6 0	6	1 2.0 Missing	Incurvate	Barbod	Corner removed	Perallel
23DA371	9	Nobe	None	Impact fracture	3.4	2.3	38 0	0.6 0.9	9 1.1 Missing	Straight	Barbed	Corner	Expanding
23DA371	1-7	None	None	Imped fracture	12.6	4 .8	3.4 0	0.8 2.0	0 2.1 Mbssing	Strafgts	Stoping		Contracting
23DA371	9	None	None	Impact fracture	8.5	1.4	3.0 0	0.7 1.4	8 2.0 Missing	Damaged	Missing		Contracting
23DA371	6-1	Kope	None	None	6 0	4.0	3.2 0	0.0	8 2.0 Missing	Damaged	Barbed	Basal	Parillei
23DA371	1-10	None	None	None	11.9	3.1	3.6 0	0.8 1.4	4 3.2 Mireing	Missing	Square	Side	Expanding
23DA371	11-1	Kope	None	None	13.4	0.4	2.6	2 1.	1.7 Missing	Damaged	Barbed	Corner	Expanding
23DA371	71- 3	None	%	None	5.5	5.6	2.7 0	0.7	2 1.9 Missing	[Named	Rarbed	Unknown	Parathel
23DA371	1-13	None	Note	None	7.6	3.8	2.3 0	<u> </u>	1 0.0 Missing	Straight	Barbed	Basal	Pamilel
23DA371	1-14	Hide-wet	None	None	7.3	2.8	2.8 0	8 1.0	U 2.7 Rounded	Damaged	None	Side	Expanding
23DA371	1.15	None	None	None	4.4	3.9	2.3 0	0.0	_	Danuged	None	Unnotched	Unstemmed
23DA371	1-16	Nobe	None	None	4.0	2.2	2.8 0	7 1.8		Missing	Missing	Unknown	Contracting
23DA371	1-17	Nose	None	None	22.2	0.0	0.0	0.0		Missing	Barbed	Corner	Expanding
23DA371	1-18	Notic	Nobe	None	8.09	0.0	0.0	0.0	0 0.0 Missing	()amaged	None	Missing	Missing
23DA371	1-19	Note	None	None	6.1	1.5	2.1 0	4.0	5 1.8 Missing	Missing	Square	Сощет	Expending
23DA371	02-1	None	None	None	1.97	0.0	0.0	0.0 0.0	0 0.0 Missing	Damaged	None	Unknown	Missing

APPENDIX B
Stone tools collected by Howard Wimmer

Site No.	Cet No	ن.			(S)	Overall Size	Size	S	Stem Size Morphological Artributes	al Artributes			
23DA371	17-1	None	None	None	197.4	0.0	0.0	0.0	0.0 0.0 Missing	Enmaged	None	Unnotched	Unsternmed
23DA371	77	None	None	None	24.0	3.5	5.4 (6.0	0.0 0.0 Mirestag	Missing.	None	Unnotched	Unstemmed
23DA371	1.23	None	None	None	20.8	3.7	5.0	1.2	0.0 0.0 Missing	Missing	None	Unnotched	Unsternmed
23DA37t	7.1	None	None	None	21.0	4.4	3.9	1.2	0.0 0.0 Missing	Missing	Nose	Uspoiched	Unsterned
23DA371	<u>1.</u>	None	Zcoz.	None	11.9	5.9	3.9	0.1	0.0 0.0 Ruunded	Excurvate	None	Unnotched	Unstemmed
23DA371	1.26	None	None	None	15.5	0.4	3.0	7.7	0.0 0.0 Mirsing	Excurvate	None	Unnotched	Unsternmed
23DA371	1.27	None	Nose	l-one	29.3	1.1	1.7	1.5	0.0 0.0 Missing	Excurvate	None	Unnotched	Unsternmed
23DA371	2.	None	None	None	23.2	4 80	6.4	6.0	1.4 3.0 Missing	Fxcurvate	Barbed	Comer	Expending
23DA371	200	None	None	None	13.6	3.9	4.6	0.8	1.6 3.2 Missing	Damaged	Rurbed	Somer	Expanding
21DA371	1.31	S S S S S S S S S S S S S S S S S S S	None	No Be	6.91	3.5	4.5	0.1	1.5 3.4 Missing	[]amaged	Bached	Corner	Expanding
23DA371	1.32	Zone Z	None	None	22.2	9 .0	5.7	5.0	1.4 3.3 Missing	Demisor	Bariond	Comer	Expanding
23DA378	1.33	No.	None	None	4.9	3.1	4.4	0.7	1.4 2.7 Mirefug	[]smaged	Barbod	Corner	Expanding
23DA371	*	None	Noise	None	12.6	4 .1	3.8	0.7	1.2 2.9 Missing	Demagna	Barbed	Corner	Expanding
23DA371	1.35	Xose	None	None	1227.5	0.0	0.0	0.0	0.0 0.0 Mbsing	Missing	None	Une tried	Unstemmed
23DA371	. ×	None	Noise S	Note	405.1	0.0	0.0	0.0	0.0 0.0 Missing	Missing	None	Unnotched	Unstemmed
23DA371	1.37	None	None	None	60.3	7.3	6.0	9.1	0.0 0.0 Pointed	Excurate	None	Unnotched	Unsternmed
23DA371	3 2	Kose	None	Battering	8.98	9.3	8.4	2.2	0.0 0.0 Rounded	Excurvate	None	V/V	Unstemmed
23DA371	1-40	None	None	None	813	0:0	0.0	0.0	0.0 0.0 Missing	Excurvate	Missing	Missing	Mixing
2304 371	1.41	None	None	Nose	8.8	0.0	0.0	0.0	0.0 0.0 Missing	Missing.	None	Ϋ́Υ	Contracting
23DA371	1.42	None	None	None	22.7	4.2	5.2	0.1	0.0 0.0 Broad	Excurvate	Missing	Missing	Mireing
21DA37f	1.43	Noge Sec	None	Nor	15.5	3.4	4.7	0.1	0.0 0.0 Broad	Extreme	M saing	Missing	Miss.ing
23DA371	2.	None	None	Battering	11.7	3.7	3.5	6.0	1.3 2.5 Missing	Straight	Rarbed	Corner	cxpanding
23DA 371	2	None	None	None	7.6	5.0	3.8	0.7	1.3 2.7 Missing	Missing	Barbed	Corner	Expanding
25DA371		None	None	None	17.4	3.7	3.9	0.9	1.2 2.4 Missing	Damaged	Barbed	Corner	Expandi
23DA37i	1.47	None	None	None	5.1	2.9	3.3	7.7	1.2 2.3 Missing	Damaged	Barbed	Corner	Expanding
2304371	1.48	None	None	None	9.9	2.5	3.0 0.	0.7	1.3 2.5 Missing	Missing	Barbed	Cornet	Expanding
23DA371	1.40	None	None	Impact fracture	9.1	3.8	2.6 0		3.3 2.2 Missing	Excurvate	Square	Side	Expending
23DA371	8	Hide-wet	None	Note	12.7	3.7	0.0	 	1.2 2.6 Missing	Excurvate	Square	Corner	Expanding
23DA371	15:1	Zone Zone	None	None	10.7	9 .9	2.6 0	9.0	2.0 2.2 Missing	Missing	Stoping	Corner removed	Co.macting
23DA371	1.52	None	None	None	9.9	3.4	2.8	9.0	1.7 2.0 Missing	Damaged	Shping	Corner removed	Contracting
23DA371	1.53	None	XOX.	None	6.9	5.9	0.0	0.7	2.0 2.0 Missing	Missing	Square	Corner reasoved	Contracting
230A371	7.	Note	None	None	7.2	0.4	3.2 6	90	1.8 2.0 Missing	Овтядес	Sloping	Corner removed	Contracting
23DA371	1.55	None	None	None	8.0	4.1	3.3 (7.0	1.5 2.7 Missing	Damaged	Sloping	Corner removed	Contracting
2354371	1.56	None	None	None	12.3	4.4	3.7	1.7	1.5 2.4 Missing	Damaged	Stoping	Corner removed	Contracting
230A371	1.57	None	None	Nome	11.2	4.5	4.0	7.	2.2 2.9 Missing	[]amaged	Sioping	Corner removed	Contracting

APPENDIX B
Stone tools collected by Howard Wimmer

Site No.	2 2 2 3				-	Overall Size	10,75	3	Chem Cine Manufalan	Monthofonical Arterius			
23DA371	1.58	Nose	Nose	Impact (meture	2	4	1	10	1 6~	Damies	Sloring	Contract on monad	(See faction
23DA 371	05.7	200	N.			: :			: :				1
TICYON .		3	2001		>	7.0	7:7		1.0 1.5 Missing	Cymragod	Sioping	Corner removed	Contracting
2504371	3	None	None	Impact fracture	€ .3	3.7	2.5	6.0	1.4 1.9 Missing	Damaged	Sloping	Corner removed	Contracting
23DA371	19:1	Nose	None	None	13.5	3.9	£3	6.0	1.3 2.3 Missing	Camaged	Sloping	Corner removed	Contracting
23DA371	1.62	None	Nose	None	8.5	5.1	2.8	7.0	1.4 1.8 Pointed	Excurste	Square	Corner removed	Contracting
23DA37t	1-63	None	None	larged fracture	23.5	5.7	9.4	8.0	1.7 2.9 Missing	Danaged	Burbed	Corner	Expanding
23DA371	<u>.</u>	None	Nose	None None	4.7	2.7	2.1	0.7	1.1 0.0 Missing	Damaged	Barbed	Corner	Expanding
23DA371	1.63	Nose	None	Nose	8.2	3.9	3.0	6.0	0.6 1.5 Missing	Demaged	Barbed	Basal	Parilel
23DA371	<u>~</u> 8	Nose	Nose	None	10.3	4.6	3.3	6.0	1.1 0.0 Missing	Damaged	Barbed	Bessi	Punifel
23DA371	1.67	Nose Se	None	Impact facture	\$.9	3.4	3.0	0.5	1.0 2.4 Missing	Damaged	Barbed	Corner	Expanding.
23DA371	9 8.	Nose	Z S	Impact (necture	99	3,3	2.8	9.0	1.0 2.2 Missing	Dumaged	Barbed	Conner	Expanding
23DA371	5 5.	None	Nose	None	12.8	3.5	4.1	0.7	1.0 2.9 Missing	Damaged	Barbed	Corner	Expending
23DA371	2.3	None	None	None	₹.	2.7	3.5	20	1.1 2.3 Missing	Damaged	Barthod	Corner	Expanding
23DA37L	1.71	None	None	None	4.7	2.5	2.6	0.1	1.0 1.9 Missing	Damaged	Barbed	Cortect	Expending
23DA371	1.12	None	Nose	None	2.9	1.7	2.4	0.5	1.1 2.1 Missing	Missing	Barbed	Corner	Expanding
23DA371	1.73	Wood	None	None	8.2	3.6	2.4	60	0.0 0.0 Missing	Dumaged	Sloping	Unknown	Missing
23DA371	1.74	Note	None	None	11.2	4.7	2.3	8.0	1.3 3.0 Missing	Damaged	Missing	Corner	Expanding
23DA37I	1.75	Zoge Zoge	None	Impact fracture	10.8	0 .4	3.9	8.0	1.3 3.0 Missing	Demaged	Missing	Side	Expanding
23DA 37t	1.76	None	None	None	9 .9	2.7	2.9	0.7	1.2 2.3 Missing	Damaged	Square	Side	Expanding
23DA37I	1:1	None	None	Impact fracture	7.2	7.7	2.7	0.6	1.0 2.7 Missing	[)kmaged	Missing	Unknown	Expanding
23DA371	1.78	Nose	None	Banering	10.0	3.5	2.5	8.0	0.0 0.0 Missing	Danaged	None	Unnotched	Unsternmed
23DA371	2.3	Stone, poty	200Z	None	13.2	4.1	2.9	6.0	0.0 0.0 Missing	Damaged	None	Unnotched	Unstramod
23DA371	08:1	None	None	None	43	2.4	2.6	0.7	1.2 1.6 Missing	Missing	Sloping	Side	Expanding
23DA371	1-81	None	200Z	None	2.5	2.3	6.1	9.0	1.2 1.9 Missing	Missing	Missing	Corner removed	Expanding
23DA37t	1-82	None	Nose	None	8'91	0.0	0.0	0.0	0.0 0.0 MUssing	Missing	None	Corner	Missing
23DA371	1-83	Noge Noge	None	None	1.0	2.4	1.0). 4 (0.6 0.8 Pointed	Straight	Square	Side	Expanding
23DA371	<u> </u>	Xone Contract	26 0 %	None	21.1	0.0		0.0	0.0 0.0 Missing	Danaged	None	Missing	Missing
23DA371	2 8-1	202	None	Impact facture	11.7	0.0		0.0	0.0 0.0 Missing	[]amaged	None		Missing
23DA371	98 -1	Zoge Zoge	None	None	6.0	4.2	22	9.0	1.0 0.0 Missing	Damaged	Missing	Corner	Expanding
23DA37I	1.87	Bose/unther	None	Noise	6.4	4.2	6.1	9.0	0.0 0.0 Wissing	Unmaged	Barbed	N/A	Missing
23DA37t	<u>-</u>	X ₀ 8e	None	Perforating	4.2	6 0	1.8	0.5	0.0 0.0 Pointed	Straight	None	Unnotched	Unsternmed
23DA 371	1-89	None	Koe	Perforating	2.1	3.2	6.0	0.5 0	0.0 0.0 Missing	Straight	Nobe	N/A	Missing
23DA371	8:	None	None	None	4.0	3.8 8.0	2.4	0 0.1	0.0 0.0 Missing	Missing	None	V/V	Unstemmed
23DA371	16-1	None	None	Impact fracture	7.5	3.2	2.4	0.8	1.6 2.3 Missing	Missing	Missing	Side	Expending
230A371	1-92	Hade-day	None	None	18.0	4.6	4.3	0.9	0.0 0.0 N/A	V /Z	N/A	N/A	N/A

APPENDIX B

Site No.	Cat No.				W(E)	Overall Size	Size	Stra	Stren Size Morphologi	Morphological Attributes			
23DA371	1.93	ifide-wet	None	None	7.8	4.5	22 0	0.7.0	0.0 0.0 Rounded	Excursite	None	X/X	Unsternmed
23DA371	1.94	Hide-wet	None	200	8.8	2.5	3.1 0	7	1.3 2.6 Irregular	Excurvate	Missing	Unknown	Expanding
23DA371	1.95	None	None	None	19.3	4.2	4.2 1	. 2	3 3.4 Missing	Missing	Sloping	Corner removed	Contracting
23DA371	<u>-</u> 8	None	No Be	None	25.8	5.3	0 77	6	0.0 0.0 Missing	Damaged	Zoo.	Unnotched	Unstermed
23DA371	1.97	None	None	None	14.2	3.2	4.2 0	6	0.0 0.0 Mirsing	Messing	None	Unsotched	Unstemmed
23DA371	8	None	None	None	4.2	4.3	3.6	0	0.0 0.0 Missing	Missing	None	Unnotched	Unsternmed
23DA371	<u></u>	None	Zoge Soge	None	19.9	6.2	3.6 0	0	0.0 0.0 Missing	Demaged	None	Unnotched	Unsternmed
23DA371	1.10	Hide-wet	No Se	None	55.9	5.0	3.3 2	3 0	0.0 0.0 N/A	N/A	N/A	N.A	Ϋ́Х
23DA371	1.10	Effde-wet	Kone	Note	34.5	5.0	4.3	.6	0.0 0.0 N/A	N'A	Y/N	N/A	K/N
23DA371	1.10	Hide-wel	Zone.	None	39.8	9.6	1.5	.	0.0 0.0 Missing	Excurvate	None	Unnotched	Unstrained
23DA371	01-1	Hade-wet	Z08	None	27.7	3.8	1.9	٥.	0.0 0.0 Missing	Missing	None	Unsotched	Unstermed
23DA371	1.10	Hide-dry	Xone X	Nose	27.6	6.3	2.9	2 0.	0.0 0.0 Rounded	Excurvate	None	Unpotched	Unstemmed
23DA371	1.10	None	Nose	None	16.8	4.7	3.9 0	- -i	.3 2.9 Missing	Straight	Barbed	Corner	Expanding
23DA371	1.10	None	None	Battering	24.3	5.0	0 6.9	0.9 1.	.5 3.0 Missing	[Jamaged	Barbed	Corner	Expanding
23DA371	1.10	None	Ž Š	None	14.6	3.3	4.7 0	0.9	2 2.7 Missing	Damaged	Barbed	Corner	Expanding
23DA371	1.10	None	None	None	10.1	3.6	3.5 0	0.7 1.	2 2.3 Missing	Damaged	Barbed	Соплет	Expanding
23DA371	1.10	l'éorce	Xone X	None	11.1	3.7	0 0.9	0.9	2 2.8 Missing	Demaged	Surbed	Corner	Expending
23DA371	1:11	None	None	None	9:01	3.5	3.7 0	0.8 1.	3 2.1 Missing	Pamaged	Barbed	Corner	Expending
23DA371	11-1	None	None See	None	4.2	89.	3.3	0.6	.0 2.4 Missing	Missing	Barbed	Corner	Expanding
23DA371	1:1	None	None	Impact (nacture	7.9	3.3	0 6.2	0.7	3.0 Missing	Damaged	Missing	Corner	Expanding
23DA371	11-1	None	Zone.	None	8.8	3.3	7.6 0	0.7 U.	0.9 2.3 Missing	Damaged	Barbed	Corner	Expanding
23DA371	1.11	None	None	None	18.8	0.9	2.8		4 2.8 Missing	Straight	Sloping	Side	Expending
23DA371	11:1	None	None	None	8.9	4.5	2.2 0.7	7	.0 0.0 Missing	Straight	None	Side	Expanding
23DA371	1:11	Xone X	X one	NoBe	11.4	6.4	2.9 0.7		1.9 2.2 Missing	[Jamaged	Sloping	NA	Contracting
23DA371	1.11	None	Zone Zone	Impact fracture	8.5	4.2	3.6 0.7	_	1.6 1.7 Missing	Dumaged	Sloping	Corner removed	Contracting
23DA371	1:1	Nobe	2 0 2	None	9 .6	3.6	2.9 0	 	8 2.0 Missing	Outraged	Square	Corner removed	Contracting
23DA371	11.1	None	None	None	7.3	3.7	3.0 0.7	7	S 2.0 Missing	Damaged	Sloping	Corner removed	Contracting
23DA371	1.12	None	Zope Z	Perforating	7.3	9.7	0	i •∕i	S 1.8 Missing	[Jamaged	Stoping	Corner removed	Contracting
23DA371	1.12	None	None	None	8.7	2.9	2.7 L	1.0	1.0 1.0 Missing	Damaged	Sloping	Corner removed	Contracting
23DA371	1.12	None	Zon	None	4 .9	2.8	23 0.7	0.0	_	Missing	Sloping	N/A	Psrallel
23DA371	1.12	None	2 0 2	None	6 0	3.2	3.5 0.8	_	3 2.6 Missing	Damaged	Square	Corner	Expanding
23DA371	1.12	None	None	Impact fracture	9.1		2.9 0.7		1.8 2.8 Missing	Missing	Square	Corner	Expanding
23DA371	1.12	None	None	None	7.7	5.9	2.8 0.9	.: 6	4 2.4 Missing	Missing	Missing	Comer	Expanding
23DA371	1-12	None	None	None	20.4	0.0	0.0	0.0 0.0	0 0.0 Missing	Wissing	None	Unknown	Missing
23DA371	1.12	Nobe	None	None	79.3	0.0	0.0	0.0	0.0 0.0 Missing	Damaged	None	Missing	Missing

APPENDIX B
Stone tools collected by Howard Wimmer

Cet No.				2	ĭ	Ì.			Chamagad	None	Unnotched	Unstrumod
1-	Nose	None	None	175.5	0.0	0.0	0.0		Causa Con		410	Uestemmed
			1 100	0	7	2.5	0.7 0	0.0 0.0 Missing	Damaged	Sloping	2006	
	Xone Xone	Your	וש שפט ונשכנתוב	, ,			7	0.7 1 5 Missing	Damaged	Barbod	Corner	Expanding
	208	Nonc	Impact fracture	7.6	7					Backed	Comer	Expanding
	1	200	None	1.5	8 .1	1.7	0.4	0.6 1.2 Mirsting	Danie Ci			Frankline
				-	1.7	1.7	0.3	0.5 1.1 Missing	Damaged	Sarbed		
	None None	2002	and the same of th				000	O O Bounded	Excurvate	Nose	Unpotched	Unstantod
	Hide-wet	Z es	No.	0.7	X	֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓			* X	4 / 2	ΚΆ	ΚΆ
	Hide-wet	None	None	12.8	E.	3.4	80		* A / N	∀ /N	Ϋ́	N/A
	Line. aver	None None	None	46.7	6.5 2.	*	7.		C		4/2	A/X
		1	Kone	25.3	7.9	3.1	0.1	0.0 0.0 N/A	4 /Z	Y	2	
	HIGE-WEI		2101	7 12	-	0.7	1.7	1.5 2.5 Rounded	Excurste	Sloping	Corner removed	Contament
	Nose	None N	202	•				_	Daniel (None	Unpotched	Uestemmed
	None	None None	None	0.70	n (Wische	None	Unpotched	Unstrumed
	None	None	Nose	51.6	0.0				Missing	None	Unnotched	Unstranged
	Note	None	None	17.9	- ·		0 (Fecurate	None	Unnotched	Unsternmed
	Nose	None	None	76.2	9.0				Missino	None	Unnotched	Unsternmed
	Note	None	None	27.1	₹.	Ø.			Meins	, Y	Unnotched	Unsternmed
	None	None	None	37.0	6.0	3.1		_	Missens		[Innoirhed	Uestemmed
	1	N.	None	16.5	5.9	5.1	6.0	O.C O.O Missing	CARD BOOK	200		Franchine
		4	Nate	10.3	5.6	4.2	8 0.	1.4 2.6 Missing	Missing	Harbed		
			2	17.5	4.6	3.5	6.0	0.0 0.0 Missing	Straight	None	Unisolicated	ous contract
			No.	16.2	0.0	0.0	0.0	0.0 0.0 Missing	Outstarted	None	•	Simon M
	None		N 100	27.0	3.6	5.4	1.2	0.0 0.0 Missing	Missing	None	Unnotebed	Unstring
	Z.	200			-	¥ ¥	9	0.0 0.0 Missing	Missing	Note	Unpotched	Unstemmed
	None	Kone	30 :	7:00	; =	2	*		Missing	None	Unnotched	Unsternmed
	None	None	No.	0.00	; ;		2 -		\ \ Z	K/A	N/A	٧X
	Hide-wet	None	ž Ž	£1.2	0 0				Excurvate	None	Side	Missing
	Hide-wet	Nobe	None	7.6	9 6	e 6	, 6		Damaged	Missing	Missing	Missing
	Nose	None	Note	C. 61	9.5	, ,	2 6		Missing	None	Corner removed	Contracting
	None	Kone	None	0.0	7:7	, c	3 6		Damaged	None	Unimown	Missing
	None	None	None	6.61	0.0	3 6	2.0		Recurred	Barbed	Corner	Expending
	None	None	None	7.		7.7	3 3		Factorale	Rarbed	Basal	Expanding
	None	None	None	4.7		7.7	9 1		Certake	Sloning	N/A	Parallel
	None	None	None	10.3	D: 9	5.7	3 6		Damsond	Barbed	Corner	Missing
	Nose	None None	Impact fracture	3.0	7.7	7	3 :		Mirrian	N	Unpotched	Unstemmed
	200	None N	None	13.9	2.8	4.7	8		MESING	2001	Tanotched	Unsternmed
		1	Ž.	116.8	0.0	0.0	0.0	0.0 0.0 Missing	Missing	None	Cilication	
	None	2002	a la	4	4.5	2.2	0	1.0 2.2 Missing	Straight	Barbed	Comer	Buspendx
	, see	2	None	9.	,		,					

APPENDIX B
Stone tools collected by Howard Wimmer

<u> </u>					(B)		3710	מ	SEE SEE		MODEOCODO ANDOCOCION			l
23DA377	1.2	Note	Nobe	Impact fracture	7.3	-	2.1	8.0	1 2	1.8 Missing	Excurate	Sloping	Side	Expanding
23DA377	1.3	None	No Be	None	7.6	3.0	3.4	0.7	0.9 2	2.3 Missing	Damaged	Barhed	Corner	Expanding
23DA377	7	None None	Nobe	None	9.5	5.0	3.0	9.0	0.9	2.3 Missing	()auraced	Barbod	Corner	Expanding
23DA377	1-5	3	None	Impact fracture	2.9	2.7	6.1	9.0	0.7	1.7 Missing	Straight	Barbed	Corner	Expanding
23DA377	1.6	None	None	Note	9.6	3.6	3.4	8.0	1.4 2	2.1 Missing	Dunaged	Square	Corner	Expending
23DA377	1-7	Zone	None	None	5.3	2.0	3.4	0.7	1.3 2	2.8 Missing	Missing	Barbed	Corner	Expanding
23DA377	•	None	None	None	14.2	0.9	3.3	0.7	1.0 2	2.0 Rounded	Asymmetrical	Square	Corner	Expanding
23DA377	6.1	X ₀	None	None	20.5	3.9	5.0	0.8	0.0	0.0 Missing	Damaged	Zone.	Unnotched	Unstrumed
23DA377	01-1	No Be	None	None	13.6	0.0	0.0	0.0	0.0	0.0 Missing	Danaged	None		Missing
23DA377	1.11	Noge S	None	None	28.6	0.0	0.0	0.0	0.0	0.0 Missing	Missing	Zone	Unnouthed	Unstemmed
23DA379	<u>:</u>	Non	None	None	10.0	3.7	3.1	8.0	1.0 2	2.4 Missing	Camaged	Missing	Corner	Expanding
23DA379	1-2	Noge	None	None	6.1	3.4	3.1	9.0	1.0	0.0 Missing	[]amaged	Barbed	Corner	Expending
23DA380	1-1	None	None	None	1.1	4.0	2.5	9:0	0.0	0.0 Pointed	Asymmetrical	Barbed	Corner	Missing
23DA380	1.2	None	None	None	5.7	0.4	2.0	9.0	0.0	0.0 Missing	Demaged	None		Missing
23DA380	1-3	None	None	None	26.5	8.4	5.2	13	0.0	0.0 Pointed	Excurvate	Missing	Missing	Missing
23DA380	7	None	None	None	97.1	8.0	5.6	5.0	0.0	0.0 Irregular	Excurvate	None	Unnotched	Unsteamed
23DA381	1-1	None	Nose	None	1.7	1.2	2.0	9.0	1.2 2	2.0 Mirsing	Missing	Missing	N/A	Expanding
23DA381	1-7	Xone.	Noise Noise	Nose	12.2	3.4	3.7	6.0	0.0	0.0 Missing	Missing.	None	Unnotched	Unsternmen
23DA381	1:3	Zoge Z	None	Nobe	18.3	5.3	3.9	6.0	0.0	0.0 Missing	Damaged	Missing	Unnotched	Unstemmed
23DA382	1-1	Nose	None	None	1.8	7.4	9.1	9 .0	0.6	0.4 Missing	Danaged	Barbed	Corner	Expanding
23DA382	1.2	Zone.	None	Impact fracture	3.1	2.0	2.0	9.0	1.0	1.5 Missing	Missing	Sloping	Corner removed	Expanding
23DA382	1.3	None	None	None	3.4	3.9	1.5	0.5	0.0	0.0 Rounded	Excurvate	None	Unnotched	Unstemmed
23DA382	7	2 0 2	None	None	12.5	0.0	0.0	0.0	0.0	0.0 Missing	l'amaged	None		Missing
23DA 382	1.5	2 002	Nose	None	20.5	0.0	0.0	0.0	0.0	0.0 Missing	Missing	None	Unnotched	Unsternmed
23DA383	1-1	None	Nose	None	12.6	7	3.9	0.7	1.3 2	2.5 Missing	Missing	Barbed	Corner	Expanding
23DA383	1.2	None None	None	None	12.4	T	3.0	8.0	1.3 2	2.0 Missing	Damaged	Sloping	Corner removed	Contracting
23DA383	1.3	None	None	None	6.91	7	7	1.0	0.0	0.0 Missing	Damaged	Messing	N/A	Missing
23DA383	7	None Sec	None	None	11.1	3.0	4 .1	6:0	1.2 0	0.0 Missing	Missing	Burbed	Corner	Expanding
23DA383	1.5	None	None	None	86.9	0.0	0.0	0.0	0.0	0.0 Missing	Missing	None	Unnotched	Unsteamed
23DA384	1:1	None	None	None	14.3	4. 5	1.1	0.1	0.0	0.0 Missing	Damaged	Sloping	Missing	Missing
23DA385	1:1	None	None	None	17.1	4.7	3.8	0.1	1.6 2	2.1 Missing	Damaged	Barbed	Unknown	Parallel
23DA385	1.2	None	None	None	333.8	0.0	0.0	0.0	0.0	0.0 Missing	Missing	None	Unnotched	Unsternmed
23DA385	1.3	Nobe	None	None	46.8	0.0	0.0	0.0	0.0	0.0 Missing	Damaged	None	•.	Missing
23DA385	<u> </u>	Ede-wet	None	None	18.8	3.5	5.7	6:0	0.0	0.0 Missing	Missing	None	Unnotched	Unstemmed
23DA385	<u></u>	None	Z G	None	15.1	4.6	7.7	8	0	O O Missing	7	2		

APPENDIX B
Stone tools collected by Howard Wimmer

Site No.	Ç. No.				(A)	Overal! Size	Size	See	Stem Size Mombolo	Mombolopical Attributes			
23DA385	10	Nose	Notes	None	7.4	77	1	1 80	1 ~	()amaged	Sloping	Side	Lobed
23DA385	1-7	None	None	Nonc	15.2	8.9	2.9 (0.8	.4 2.5 Broad	Excurvate	Sloping	Side	Expanding
23DA385	•	None	None	None	7.4	2,5	3.5 (1 60	8 2.9 Missing	Fxcurvate	Square	Side	Expanding
23DA385	6.1	None	None	None	0.01	4.2	3.6	0.6	3 2.8 Broad	Recurred	Barbed	Corner	Expanding
23DA385	1-10	None	None	None	3.0	8.1	2.1	.1 9:	.7 2.1 Missing	Missing	Missing	Side	Expanding
23DA385	11-1	flide-wet	None	Bentering	4.6	5.6	2.5	1 7.	2 2.5 Square	Damaged	Missing	Side	Lobed
23DA385	1-13	None	None	None	10.3	4.0	3.0 (1.8	3 2.5 Missing	Demaged	Barbed	Corner	Expending
23DA385	1.13	None	None	None	12.2	4.6	2.7 (.3	.1 2.8 Missing	Damaged	Missing	Side	Expanding
23DA 385	1-14	None	None	Impact fracture	12.9	3.3	3.4	0 0	0.0 0.0 Missing	Damaged	Missing	Unknown	Missing
23DA385	1-13	Nome	None	None	16.9	6.3	2.3	0	S 1.7 Demaged	l Asymmetrical	Stoping	Corner removed	Parallel
23DA385	1-16	None	None	None	7.6	9.4	2.4 (1.8	S 1.6 Missing	Asymmetrical	Sloping	Corner removed	Contracting
23DA385	1-12	None	Z S	Nose	3.3	2.5	2.2 (0	0.0 0.0 Missing	Damaged	Bartred	Corner	Expanding
23DA385	1-18	None	None	Perforating	2.5	3.0	0.9	.0 9.	0.0 0.0 Missing	Demaged	None	Unknown	Missing
23DA385	61-1	Nose	Nose	Nose	22.2	9.9	5.0 0	.8	0.0 0.0 Missing	Demaged	None	Unnotched	Uestemmed
23DA386	1-1	None	None	None	8.3	4.1	3.5	1.7	1.7 1.9 Broad	Excurvate	Barbod	Bassi	Parallel
23DA386	1.2	None	None None	None	63	33	4. 0 0	.8 1.	1.2 2.3 Broad	Excurvate	Barbed	Bassali	Expanding
23DA386	1.3	None	Nose	None	621.0	0.0	0.0	.0 0.	0.0 0.0 Minsing	Missing	None	Unnotched	Unsternmed
23DA386	7	208	None	None	25.7	0.0	0.0	0.0	0.0 0.0 Missing	Demograd	None	N/A	Missing
23DA386	5-1	None	None Vone	None	6.69	6:0	0.0	.0 0.	0.0 0.0 Missing	Demaged	None	Υ'X	Missing
23DA386	9-1	None	Kone	None	233.2	0.0	0.0	0.00	0.0 0.0 Missing	Missing	Note	Unnotched	Unstemmed
23DA 386	1-1	None	None	Impact fracture	7.9	3.7	2.8 6	17 1.	1.0 2.0 Missing	Damaged	Square	Corner	Expanding
23DA386	9 2	None	None	None	6.2	3.4	2.5 6	.1.	A 1.8 Damaged	Excurvate	Square	N/A	Expanding
23DA386	6-1	None	None	None	8.8	3.6	2.3 6	1. 1.	.2 2.0 Missing	Excurvate	Sloping	Side	Expanding
23DA386	1-11	None	None	Impact fractive	€.0	2.6	1.8 C	16 I.	3 1.8 Missing	Missing	Missing	Side	Expanding
23DA386	1-12	None	None	Impact fracture	7.3	3.8	2.3 G	0.8	3 2.0 Missing	Damaged	Shoping	Side	Expanding
23DA386	1-13	None	None	None	4.0	2.2	2.2 0	7 1.	.2 2.2 Pointed	Straight	Sloping	Side	Expanding
23DA 386	1.14	None	None	None	3.6	2.5	2.7 0	0.6 1.	.1 1.9 Missing	Missing	Barbed	₹ %	Expanding
23DA386	1.13	None	None	None	10.0	1 3	3.3	0.6 0.	0.0 0.0 Missing	Excurvate	Square	Side	Missing
23DA386	1.16	Xose Vose	None	Impact fracture	5.5	5.6	2.0 6	0.8	.4 2.0 Missing	Damaged	Sloping	Side	Expanding
23DA386	1-12	Nose	None	Impact fracture	10.9	3.8	3.1 0	 	.2 2.7 Missing	Damaged	Missing	Corner	Expanding
23DA386	1-18	Nose	None	None	10.0	2.0	2.0 0	0.9	.2 2.0 Missing	Straight	Stoping	Side	Expanding
23DA386	61-1	Note	None	Note	10.2	4.0	3.5 0	-	.5 2.7 Missing	[]sms@cd	Barbed	Corner	Expanding
23DA 386	1.20	Note	None	None	9.3	5.9	4.4 0	.7	.4 3.0 Missing	Missing	Barbed	Corner	Expanding
23DA 386	1.21	None	None	Impact fracture	12.6	4.2	3.3 0	1 6	.3 2.7 Missing	()amaged	Barbed	Comer	Expanding
23DA 386	1-22	None	None	None	8.9	3.1	2.9 0	- i	.4 2.9 Missing	Missing	Square	Сотег	Expanding

APPENDIX B
Stone tools collected by Howard Wimmer

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None	None None
None	None
Impact fracture	Impact fracture
Impact fracture	Impact fracture
None.	None:
None	Noge Noge
None	Nose
, and	N.
, and	Y.
Y.	
Impact facture	Ş
Immed fractions	immed fracture
Perforating	Perforating
Perforating	Perforating
None	Nose
None	None
Note	None
Impact fracture	Impact fracture
None	None
Abrading	Abrading
) one) ooe
Pione	- Pro-
Z.	No.
2 2	2 Z
in receipt fractions	in the feathers
Stanformation	Stanfording
Suntaous	Sun suous
Perforating	Perforating
N-2-1	•

APPENDIX B Stone tools collected by Howard Wimmer

Site ro	2					CACE STEE	200	2	Steat Size Morphologi	Morphological Attributes			
23DA387	17-1	None	None	Battering	11.2	53	2.2	8.0	1.3 2.1 Missing	Damaged	Missing	Side	Expanding
23DA387	1:2	None	None	None	7.4	2.5	2.8	9.0	1.5 2.8 Missing	Missing	Missing	Side	Expanding
23DA387	1.23	None	None	Impact fracture	12.9	3.5	4.2	0.8	1.2 2.3 Missing	Damaged	Burbed	Corner removed	Parallel
23DA387	1.2	None	Rose	Note	1.8.1	8.4	2.4		1.3 0.0 Missing	Angular	Barbed	Corner	Expending
23DA 387	77.	None	None	None	7.6	3.6	2.9	0.8	1.2 2.7 Missing	Damaged	Square	Corner	Expunding
23DA387	1.38	None	None	Impact fracture	12.7	7.	33 (8.0	1.4 3.2 Missing	Damaged	Missing	Corner	Expanding
23DA 387	1.27	None	None	Bettering	13.7	6.4	3.7 (6.0	0.6 0.0 Missing	Demaged	Missing	Comer	Expanding
23DA387	1.23	None	None	None	12.6	8.4	3.2	0.8	1.1 0.0 Missing	Damaged	Rarbed	Corner removed	Parallet
23DA387	1.29	Kone	None	None	8.0	4.3	2.8	0.6	1.f 2.5 Missing	Denisped	Burbed	Side	Expending
23DA387	2 .	None	None	None	7.9	2.5	3.3 (8.0	1.4 3.3 Missing	Missing	Barbod	Corner	Expanding
23DA387	1.31	None	None	None	8.7	2.4	2.8	1.0	1.7 2.8 Missing	Messing	Sloping	Side	Expanding
23DA 387	1-32	None None	None	None	5.1	1.8	3.5	0.7	1.2 2.8 Missing	Missing	Square	Corner	Expanding
23DA 387	1-33	None	None	Impact fracture	11.3	3.9	2.9	60	1.3 2.9 Missing	Damaged	Barterd	Corner	Expanding
23DA387	1-34	filde-wet	None	None	14.8	4.5	3.4	0.7	1.5 3.0 Missing	Demaged	Burbed	Corner	Expending
23DA387	1-35	Noge No	None	Rettering	3.9	4.0	3.5	60	1.0 0.0 Missing	Damaged	Rarbed	Besat	Expanding
23DA387	1.36	None	Nose	Nose	18.4	5.7	3.5	0.7	0.0 0.0 Missing	Asymmetrical	None	Unnorched	Unstermed
23DA387	1.37	Kone	None	None	12.3	5.0	2.8 0	50	0.0 0.0 N/A	N/A	Y N	N/A	V/V
23DA387	1.38	None	None	None	22.2	5.7	3.2	1.1	0.0 0.0 Pointed	Excursic	None	Unpoteted	Unstrumed
25DA387	1.39	None	Noae	Nose	25.3	3.5	5.5	7	0.0 0.0 Mirsing	Missing	None	Unnotched	Unstermed
23DA387	1.40	Nose	Noge N	None	34.3	9.6	4.0	1.3	0.0 0.0 Rounded	Excurvate	Nose	Unnotched	Unsterned
23DA387	1-41	None	Note	None	34.0	7.7	3.3	=	0.0 0.0 Rounded	Excurate	None.	Unpotched	Unstemmed
:3D4348		None	None	None	9.6	7 .7	3.0 0	0.8	1.9 Missing	Demegred	Spoping	Corner removed	Contracting
23CA386	1-2	None See	None	None	13.8	3.8 3.8	3.8 0	0.7	0.0 0.0 Missing	Damaged	Missing	Unvotched	Missing
23DA388	en 11	None	Kone	None	8.2	4.3	3.4 0	0.7	1.2 2.1 Missing	Asymmetrical	Barbed	Corner	Expanding
23UA 389	=	None None	None	None	11.3	8.8	2.6 0	0.8	1.7 2.1 Pointed	Asymmetrical	Sloping	Corner removed	Contracting
68£ ¥13£7	7-1	None	None	None	7.8	3.9	3.0 0	0.7	1.7 2.1 Missing	focurate	Stopice	Corner removed	Contracting
3DA389	F. 1	None	None	None	10.2	4.0	2.4	0.1	1.5 0.0 Missing	Damaged	None	Unnotched	Parallel
25DA389	•	None	None	None	6.9	3.5	2.2 0	0.8 C	0.0 0.0 Missing	Damaged	None	Unnotched	Missing
23UA389	1.5	None	None	None	58.0	0.0	0.0	0.0	0.0 0.0 Messing	Missing	None	Unnotched	Unstramed
23DA290	1-1	None	None	None	125.8	80	5.1 2	-	0.0 0.0 Rounded	Excurvate	None	Unnotched	Unsternmed
23DA320	1.7	Nose	None	None	7.9	4.2	2.3 0	0.7 (0.0 0.0 Missing	Straight	Missing	Side	Missing
3DA390	£.1	Filde-wet	None	None	21.8	5.2	3.7 0	0.9	0.0 0.0 Missing	Damaged	None	Unrotched	Missing
23PA341	1-1	None	Rose	None	3.4	2.5	2.4 0	0.7	1.3 1.7 Missing	Missing	Sloping	Comer temoted	Contracting
15EA361	1.2	None	None	None	112	4.4	2.7 0	0.7	0.0 0.0 Missing	Damaged	Wissing	Unnotched	Missing
23DA 392	Ξ	fone	No Be	Impact fracture	8	7 2	9 6		1 A 3 O Minutes	The second		;	

APPENDIX B
Stone tools collected by Howard Wimmer

Site No.	S. N.				W(g)	Overall Size	ÿe	Sir	Siegi Size Morphological Attributes	opical Attributes			
23DA 392	1.2	FEde-dry	None None	Nose	8.4	3.4 3	1 (0.7.0	0.0 0.0 Missing	Excurate	None	Unnotched	Unsteamed
23DA 392	1.3	Fide-dry	Kone	None	21.6	5.1	3.8	0 0	0.0 0.0 Rounded	1 Excurvate	None	Unnotched	Unstenmed
2 3 DA 392	1	2	No se	Nose	38.1	6.8	3.9	1.5	0.0 0.0 Missing	Damaged	None	Unsolched	Unstringed
23DA393	: =	2	None	None	1347.5	0.0	0.0		0.0 0.0 Missing	Missing	None	Unnotched	Unsternmed
23DA 393	1.7	No.	None	None	159.2	0.0	0.0	0.0	0.0 0.0 Missing	Dranged	None	Unnotched	Missing
23UA 393	<u> </u>	None	None	Nose	117.2	0.0	0.0	0.0	0.0 0.0 Missing	Missing	None	Unnotched	Unstemmed
23DA.993	1	None	None	Bettering	348.6	11.9 10	10.0	2.7 0	0.0 0.0 Rounded	d Excurvate	None	Unnotched	Unstemmed
23DA 393	91	None	None	Z _{OB}	21.3	0.0	0.0	0.0	0.0 0.0 Missing	Demaged	None	Unpotched	Unsternmed
23DA393	1.7	None	None	None	183.8	10.3 6	6.2 2	2.8 0	0.0 0.0 Rounded	d Excurvate	None	Unnotched	Unsternmed
2304393	8 0	None	None	None	0.001	8.8	5.8	0 9:1	0.0 0.0 Rounded	d Excurvate	Xone Sone	Unnotched	Unstrimmed
23DA393	9.	No.	None	None	1.29.1	9 501	6.1	1.8 0	0.0 0.0 Rounded	d Excurvate	None	Unnotched	Unstemmed
23DA 393	1.10	No.	Noge 2	None	127.5	8.8	6.0	2.5	0.0 0.0 Rounded	d Excursite	None	Unaotched	Unstrumed
23DA393	11:1	202	None	None	107.2	8.7	5.5	2.5 0	0.0 0.0 Rounded	d Asymmetrical	None	Unsotched	Unstraimed
23DA393	1.12	2 2	Note:	None	81.5	7.6	5.4	23 0	0.0 0.0 Rounded	d Asymmetrical	None	Unnotched	Unstranged
23DA 393	1.13	Noise Voise	None	Nose	24.6	5.4	0.4	וו נ	0.0 0.0 Rounded	d Asymmetrical	None	Unnotched	Unstemmed
23DA 393	1-14	None	None	None	29.0	5.9	11	1.2 0	0.0 0.0 Rounded	d Asymmetrical	None	Unnotched	Unsteamed
23DA 393	1.15	None	None	None	13.7	98.	6.0	1.2	0.0 0.0 Rounded	d Ercurvale	None	Unnotched	Unstemmed
23DA393	1.16	Zog Z	None	None	16.0	£.4		7.7	0.0 0.0 Rounded	d Excurvate	None	Unnotched	Unsternmed
23DA393	1.17	No.	None	None	24.0	3.9	<u>.</u>	0.1	0.0 0.0 Missing	Missing	None	Unnotched	Unstemmed
23DA393	1.19	\$ oZ	None	None	12.2	4.2	7.6	8.0	1.3 2.3 Missing	Damaged	Sloping	Side	Expending
23DA393	2.1	None	None	None	5.8	2.9	.7	9.0	1.5 2.2 Missing	Missing	Sloping	Corner removed	Parallel
23DA 393	1-21	Nose	None	Noce	4.4	2.8	7	0.7	1.4 1.9 Missing	Missing	Square	Corner removed	Parallel
23DA 393	1:23	Nose	Nose	None	9.3	4.5	*	0.7	E.S. 2.D Rounded	d Asymmetrical	Stoping	Corner removed	Expending
23DA 393	1.23	None	X one	None	23.5	6.5	3	0.1	1.4 2.0 Pointed	Stright	Barbed	Corner removed	Parallel
23DA 393	7.	Zoge Z	None	Benering	22.1	9:1	-	1:1	1.5 2.2 Missing	Demaged	Square	Corner removed	Parallel
23DA393	1.3	Edde day	None	None	12.5	3.4	£.	0.1	1.2 2.3 Missing	Damaged	Square	Corner removed	Perallel
23DA393	1.26	Nose	None	None	12.1	3.2	3.7	0.8	1.2 2.4 Missing	Damaged 1	Square	Corner removed	Parallel
235,4393	1.27	Note	None	None	13.6	3.5	1.2	6.0	1.3 2.3 Missing	Missing .	Burbed	Bassal	Parallet
23DA393	1.28	Hide-wet	None	None	11.7	6.4	3.6	0.5	1.2 2.3 Missing	Damaged 1	Barbed	Corner	Expanding
23DA393	1.29	None	None	None	11.8	£.	3.7	9.0	1.2 2.5 Missing	Damaged 1	Barbed	Corner	Expanding
23DA 393	96.3	None	None	None	8.4	5.2	7.4	0.7	0.0 0.0 Pointed	Excurvate	Square	Side	Expanding
23DA 393	1.31	Filde-wet	None	None	10.7	4.3	3.6	7.7	1.3 2.3 Rounded	d Excurvate	Barbed	Соптет	Expanding
23DA 393	1.32	None	None	Impact fracture	10.7	\$.4	6.3	60	1.5 2.3 Missing	Damaged 1	Barbed	Corner	Expanding
23DA 393	1.33	None None	None	Nene	12.8	5.5	3.2	6:0	1.4 2.7 Pointed	Excurvate	Square	Side	Expanding
23DA393	<u> </u>	None	None	None	6.2	3.7	۔ در	9.0	1.0 2.3 Missing	Damaged 1	Sloping	Side	Expanding
	i I												

APPENDIX B
Stone tools collected by Howard Wimmer

Site No.	Cat. No.				(S)	Overall Size	Size	Š	Stem Size Morphological Attributes	jost Artributes			
23DA393	1-35	None	None	None	13.5	5.7	3.3	9.8	13 2.4 Demaged	Asymmetrical	Burbed	Corner	Expanding
23DA393	7 8	None	None	None	9.5	4.6	3.3	9.0	1.1 2.0 Rounded	Asymmetrical	Barbed	Corner	Expanding
23DA393	8 X - 1	None	Nose	None	11.2	3.5	4.2	8.0	1.2 0.0 Mirsing	Missing	Barbed	Corner	Expending
230A393	1-39	None	Nose	None	12.7	3.3	3.9	8.0	1.3 2.5 Missing	Damaged	Square	Corner	Expending
23DA393	5	Nose Nose	Nose	Abrading	10.1	3.2	3.3	6:0	1.4 2.8 Missing	Damaged	Missing	Corner	Expanding
23DA393	1-4	Zog Sog	Nose	Abrading	8.6	3.7	3.1	6.0	1.4 3.0 Rounded	Excurvate	Square	Side	Expending
23DA393	1-42	Nose	Nose	Impact fracture	8.0	3.8	33	0.7	1.3 2.3 Missing	Incurvate	Barted	Corner	Expunding
23DA393	1.43	None	None	None	10.0	3.0	3.5	8.0	1.5 2.6 Missing	Missing	Barbed	Corner	Expending
23DA393	1	Nose Nose	Nose	None	8.7	2.7	3.0	0.7	1.4 2.8 Missing	Missing	Missing	Corner	Expanding
23DA393	1.45	None	None	None	5.9	5.9	3.4	9:0	0.0 0.0 Missing	Damaged	Barbed	Corner	Expending
23DA393	1.46	None	Nose	None	18.5	3.3	4.7	0.1	1.2 2.2 Missing	Missing	Barbed	Bassaf	Praffet
23DA393	1-47	Nose	Note:	None	6.7	4.2	2.4	8.0	1.3 2.2 Missing	Demaged	Sloping	Side	Expending
23DA 393	1.48	Koge	None	Nose	5.6	9.7	2.2	6.0	1.2 2.1 Missing	Damaged	Sloping	Side	Expecting
23DA393	3-	None	None	impact fracture	7.9	3.7	1.9	0.7	1.1 1.7 Missing	Damaged	Damaged	Side	Lobed
23DA393	1.50	Nose	None	Impact fracture	6.9	3.0	22	8.0	1.5 2.4 Missing	Damaged	Stoping	Side	Expending
23DA393	1.51	None	Nose	%	9.1	4.7	2.4	8.0	1.2 2.4 Missing	Struight	Stoping	Side	Lobed
23DA393	1.52	Nose	Nose	Impact fracture	5.1	2.8	2.3	8.0	1.3 2.3 Missing	Damaged	Sloping	Side	Lobed
23DA393	1.53	None	2 2	None None	7.1	2.8	2.8	7.0	1.2 2.6 Missing	Dimigra	Sloping	Side	Expanding
23DA393	1.54	None	Zone	Impact fracture	5.4	3.6	1.9	9.0	1.0 1.8 Pointed	Excursic	Square	Side	Expanding
23DA393	1.55	None	Zone Zone	None	7.3	2.3	3.8	8.0	1.1 2.4 Missing	Missing	Barbed	Basal	Parallel
23DA392	2 .8	None	Zone	None	0.9	5.6	2.9	9:0	1.2 2.3 Missing	Damaged	Sloping	Corner removed	Pamilet
23DA393	1.57	Nose	36 Z	Zone	69.3	0.0	0.0	0.0	0.0 0.0 Missing	Missing	Square	Corner	Expending
23DA393	1.58	None	None	None	9.2	3.1	4.0	8.0	1.5 2.3 Missing	[Nunsfed	Barbed	Corner	Expanding
23DA393	1.59	None	None	None	7.8	3.7	2.8	0.7	1.2 0.0 Mirsing	Unmaged	Damaged	Corner removed	Expanding
23DA393	09-1	Nose	None	Impact fracture	4 .6	3.1	1.5	0.7	1.1 1.5 Missing	Missing	Missing	Corner removed	Parallel
23DA 393	19-1	None	None	None	5.9	3.0	2.4	7.0	0.8 1.2 Pointed	Straight	Barbed	Basal	Expanding
23DA393	1-62	None	None	None	2.4	5.6	2.0	7.0	0.6 1.5 Missing	Damaged	Square	Side	Expanding
23DA393	1-63	Zo Ze	None	None	3.7	2.4	2.0	0.7	0.9 1.6 Missing	Damaged	Barbed	Corner	Expanding
23DA393	\$	Note	None	None	1.5	2.5	1.7	5.0	0.8 1.5 Pointed	Incurvate	Square	Side	Expending
23DA.193	1.63	Hide-wet	None	None	3.5	2.3	2.7	9.0	1.0 0.0 Rounded	Damaged	Barbod	Corner	Expanding
23DA 393	7 9	None	Note	None	17.5	4.	3.1	9:0	1.1 2.4 Missing	Damaged	Damaged	Corner	Expanding
23DA393	5 8	None	None	Perforating	5.6	3.5	1.3	0.5	0.8 1.2 Missing	Straight	Sloping	Side	Expanding
23DA393	1.69	None	None	Perforating	77	2.8	2.8	9:0	0.0 0.0 Missing	Straight	None	Unnotched '	Unsternmed
23DA 393	02.1	None	None	Perforating	5.3	3.6	2.2	9:0	0.0 0.0 Missing	Ояпавед	None	N/A	Missing
2304393	1.71	None	None	None	6.9	3.2	3.2	9.0	0.0 0.0 Missing	[]аша выд	Barbed	Corner	Expanding

APPENDIX B
Stone tools collected by Howard Wimmer

120.0.89 1.73 None None None None None 1.93 4.1 3.0 1.28 Merchan 5.0 4.1 3.0 Merchan 5.0 1.28 Merchan Merchan 1.0 Merchan Merchan 1.0 None Merchan Merchan None	Site No.	Cet No.	j.			W(g)	Overall Size	Size	Stere	Stem Size Morphologic	Morphotogical Attributes			
1.73 None None None None 150 33 43 43 83 14 13 28 Mersing Danaged Schere Schere None	23DA 393	1.12	Nose	None	Impact fracture	8.9	4.1				Damaged	Sloping	Corner removed	Expanding
1.75 Nome Nome Nome Nome 128 3.3 4.3 6.3 6.0 6.0 Melanig Excurvial Durnaged Siche Durnaged Siche 1.2 1.3 4.3 6.3 6.0 6.0 Melanig Durnaged Siche Durnaged Siche Durnaged Siche Siche Nome Nom	23DA393	1.73	None	None	None	16.0	3.5		1 0	1.3 2.8 Missing	Damaged	Barbed	Comer	Expanding
1.73 Wood None None 128 33 43 0.0 Miching Danaged None Unnochhod None Unnochhod None None	23DA393	1.74	None	None	None	10.8		3.0 0	.7	1.3 0.0 Rounded	Excurvate	Damaged	Side	Expanding
1.77 None None None None None 1.8 4.5 3.1 0.7 1.0 0.0 Nointenffold Square Side Side None Non	23DA393	1.75	Wood	None	None	12.8	3.3	£3 0			Damaged	None	Unnotched	Unsternmed
1.77 None None None None None None 12,1 3,3 3,4 0,7 1,5 0,8 0,0 0,8 0,	23DA393	9/-1	None	None	None	8 0	₩.	33 0	.7	1.0 0.0 Pointed	Asymmetrical	Square	Side	Expanding
1.75 None None None None 111 46 3.4 0.7 13 0.0 Rounded Excurvate Barrhed Corner Earthed Corner Earthed None None None Inpact fracture 124 4.5 4.0 0.8 0.0 0.0 Rissing Miscing Barrhed Corner Earthed Corner 13 1.80 None None	23DA393	1.11	None	None	None	17.1	3.5	3.4 0	0	1.0 0.0 Missing	Missing	None	Utmotched	Unstribined
1.15 None None None None 124 4.5 4.0 0.0 Missing Dimursord Batherd Cornert 1.15 None None None Batherd Cornert None	23DA393	22:1	Nose	Nose	None	1.11	4.6	3.4 0	7	1.5 0.0 Rounded	Excurvate	Barbed	Corner	Expanding
1.85 None None Impacf fracture 16.2 4.8 2.6 1.0 1.0 O. Missing Duraged Barbello Order Duraged Duraged Duraged Order 23DA393	K.1	None	None	Nose	12.4	4.5	0 0.1	8 0	-	Missinf.	Surbed	Corner	Expanding	
1.81 None None None Baitering 2.7 5.9 2.1 0.0 0.0 N/A N/	23DA393	08:1	None	No se	Impact fracture	16.2	4.8	2.6	- 0	1.2 0.0 Missing	Damaged	Rarbed	Corner	Expanding
1.15 None None None None 136 3.3 3.9 0.9 0.0 0.0 Missing Missing None Unnorthood 1.15 None N	23DA 393	1.81	Nose	None	Banering	2.7	5.9	2.1 0	.7		Y/Y	Y/Y	ΝA	Y/V
1.81 None	23DA 391	1.82	None	None	None	13.6	3.3	3.9 0	9		Missing	None	Unnotched	Unsteamed
1 1.84 None None Impact facture 6.4 3.5 2.5 0.6 1.4 A Missing Missing Missing Consert removed 1 1.86 Hone None	23DA393	1.83	None	None	None	3.5		2.5 0	9		Excurate	No Be	Unnotched	Unstemmed
1.85 Höber Nöbe Nöbe 8.3 3.2 3.1 0.8 1.3 1.8 köne Dietagen Nöbe 7.2 1.9 2.4 0.6 1.1 2.4 köne Missing Missing Missing Order removed 3 1.36 Nöbe Nöbe 1.2 3.2 1.8 0.0 0.0 Missing Damped Södeng Söden	23DA35.1	1.8	Note	None	Impact fracture	6.4			9	1.4 2.4 Missing	Mirsing	Missing	Corner removed	Parallet
1.86 None None <th< th=""><th>23DA3</th><th>1.83</th><th>Hde-wet</th><th>None</th><th>None</th><th>8.3</th><th></th><th></th><th></th><th></th><th>Excurate</th><th>Deniaged</th><th>Corner removed</th><th>Expending</th></th<>	23DA3	1.83	Hde-wet	None	None	8.3					Excurate	Deniaged	Corner removed	Expending
1.87 None None <th< th=""><th>23DA39J</th><th>1.8</th><th>None Some</th><th>None</th><th>None</th><th>5.2</th><th>1.9</th><th>2.4 0</th><th>9</th><th></th><th>Missing</th><th>Missing</th><th>Corner removed</th><th>Parallel</th></th<>	23DA39J	1.8	None Some	None	None	5.2	1.9	2.4 0	9		Missing	Missing	Corner removed	Parallel
1.86 None Unnorthed None None Unnorthed None Non	23DA 393	1.87	None	None Z	None	9.7	3.6	2.3 0			Damaged	Sloping	Side	Expanding
1.89 None Umorkhod	23DA 393	1.88	None	None	None	9.3		2.8 0			Daringed	Stoping	Side	Expanding
1.1 None None None 1.1 2.5 1.5 0.3 0.0 0.0 Poblished H:-urvise None Umorbded 1.2 None None None 13.7 0.0 0.0 0.0 Missing None Unnorbded Unnorbded 1.1 None None Impact fracture 7.3 4.3 2.5 1.7 1.8 3.2 Missing None Unnorbded 1.8 1.2 None None None None None Unnorbded 1.8 1.1 2.4 Missing None Unnorbded 1.8 1.1 2.4 1.7 2.4 Missing None Unnorbded 1.0 1.0 0.0	23DA 393	1.89	Noge.	Note	None	5.6		3.2 0	7 11		Missing	Square	Corner removed	Parallel
1.2 None None 13.7 0.0 0.0 0.0 Missing Missing None Unnockhod	23DA 394	1:1	None	None	None	1.1	2.5	1.5 0	0		Enginese	None	Unnotched	Unsternmed
1-1 None None None None 9.2 3.3 3.3 9.7 1.8 3.2 Miesing Miesing Sloping Side E 1.2 None None	23DA 394	1.2	None	None	None	13.7		_		_	Missing	None	Unnotched	Unsternmed
1.2 None None Impact fracture 7.3 4.3 2.5 0.7 1.7 2.4 Missing Demaged Sloping Sloping Slope 1.3 None None None None 11.2 3.0 3.8 1.1 0.0 0.0 0.0 0.0 0.0 Missing None Unnockbed Unnoc	23DA 395	1-1	None	None	None	9.2		_			Missing	Sloping	Side	Expanding
1.3 None None None None None 46.4 0.0 0	23DA395	1.2	None	None	Impact facture	7.3					Damaged	Sloping	Side	Expending
1-4 None	23DA395	1.3	None	None	Kope	46.4		_			Missing	None	Unpotched	Unsternmed
1.5 None None None 7.3 3.3 2.5 0.7 1.5 0.0 Missing Damaged Missing Side B 1.6 None None None 1.1 3.6 4.0 0.6 1.2 0.0 Missing None Unnotched 0.0 1.7 None None None 1.1 3.6 4.0 0.6 1.2 0.0 Missing None Unnotched 0.0 0.0 0.0 Nissing None Unnotched 0.0 0.0 Nissing None Unnotched 0.0 0.0 0.0 0.0 Nissing None Unnotched 0.0	23DA395	7	Nobe	None	None	11.2		3.8	0 =		Missing	None	Unnotched	Unstemmed
1-6 None None None None None Unoched Context 1-7 None None None 8.7 3.6 4.0 0.6 1.2 0.0 Missing Missing None Unoched Context 1-1 None None None 1.1 0.0 0.0 Rounded Excurvate None Unocked Unoc	23DA395	1.5	None	None	Nose	7.3	3.3	2.5 0	1 1		Damaged	Missing	Side	Expanding
1.7 None None None S.7 3.6 4.0 0.6 1.2 0.0 Missing Square Corner E 1.1 None None None 1.1 0.0	23DA393	9:1	None	None	None	21.5		•		_	Missing	None	Unnotched	Unstemmed
1.1 None None None S5.0 11.3 4.2 1.1 0.0 0.0 Rounded Excurvate None Unnotched Unnotched 1.2 None None None 14.6 3.9 4.4 0.7 1.3 2.4 Missing Damaged None Unnotched Unnotched 1.4 Höde-wet None None 14.6 3.9 4.4 0.7 1.3 2.4 Missing Damaged None Unnotched Unnotched Unnotched 1.4 1.5 None None None 10.0 0.0 0.0 0.0 0.0 0.0 Missing Missing Missing Unnotched 1.7 1.7 None None None None Unnotched 1.4 2.5 0.0 0.0 Missing Missing Unnotched 1.0 1.7 None None None None 4.4 3.1 2.6 0.3 0.0 0.0 0.0	23DA395	1.7	None	Note	None	98 .7	3.6	_	1 9	1.2 0.0 Missing	Missing	Square	Corner	Expanding
1.2 None None None 69.3 0.0	23DA396	1.1	None	None	None	55.0	11.3	4.2 1			Excurvate	None	Unnotched	Unstemmed
1-3 None None None 14.6 3.9 4.4 0.7 1.3 2.4 Missing Damaged Barbed Conner removed B 1-4 Höde-wet None None None 74.5 7.3 5.5 1.8 0.0	23DA396	1.2	None	None	None	69.3				_	[]smsged	Knae	Unnotched	Unsternmed
1-4 Höde-wet None None 74.5 7.3 5.5 1.8 0.0 0.0 Rounded Excurvate None Unnotched	23DA396	1-3	None	None	None	14.6	3.9	4.4 6			Damaged	Burbed	Corner removed	Parallel
1.5 None None None 9.5 4.4 3.6 0.7 0.0<	23DA396	7	Ede-wet	None	None	74.5	7.3	5.5	8 0	_	Excurvate	None	Unnotched	Unstemmed
1-6 None None None Unockhod 0.0 <th< th=""><th>23DA 396</th><th>1.5</th><th>None</th><th>None</th><th>None</th><th>\$.0</th><th>4.4</th><th>3.6</th><th>0 (1</th><th>_</th><th>Excurvate</th><th>Missing</th><th>Missing</th><th>Missing</th></th<>	23DA 396	1.5	None	None	None	\$.0	4.4	3.6	0 (1	_	Excurvate	Missing	Missing	Missing
1.7 None None None 3.3 1.4 2.5 0.8 1.4 2.5 Missing Missing Missing Corner removed 3 1.4 3.1 2.6 0.5 0.0 0.0 Missing Damaged None Unnotched	23DA 396	9	None	None	None	10.0		0.0	0 0		Missing	None	Unnotched .	Unstrumed
1-8 None None None 4.4 3.1 2.6 0.5 0.0 Missing Damaged None Unnotched	23DA396	1.7	None	None	None	3.3	1.4	2.5 0	1 8	1.4 2.5 Missing	Missing	Missing	Corner removed	Expanding
	23DA 396	*	None	None	None	4.4	3.1	2.6 0	5 0	0.0	Damaged [None	Unnotched	Missing

APPENDIX B
Stone tools collected by Howard Wimmer

Site No.	Cat No.				(E)	Overall Size	Size	Sire	Stern Size Morphole	Morphological Attributes			
23DA397	=	None	Zoge.	None	240.5	0.0	1	0.0	10	Missing	None	Unnotched	Unstemmed
23DA397	1.2	None	None	None	121.8	7.0	7.8 2	2.0 0	0.0 0.0 Missing	Damaged	None	Unpotched	Unstemmed
23DA397	1.3	None Some	None	None	36.4	0.0	0.0	0.0	0.0 0.0 Missing	Damaged	None	Unnotched	Missing
23DA397	7	Kope	None	Nose	30.9	0.0	0.0	0.0	0.0 0.0 Missing	Damaged	None	Unnotched	Missing
23DA397	1.5	Hide-wet	None	Nose	4.8	2.8	3.2 0	0.7 0	0.0 O.0 Missing	Missing	None	Unnotched	Unsternmed
23DA397	9	Kose	None	Perforating	1.3	2.0	1.0	0.6	0.0 0.0 Missing	Damaged	None	N/A	Missing
23DA397	1.7	X086	None	None	62.5	8.3	6.4	0	0.0 0.0 Rounded	1 Asymmetrical	None	Unnotched	Unstramed
23DA397	6 0	None	None	Impact fracture	13.8	4.5	4.0 0	1.7	1.3 2.6 Missing	Danaged	Burbed	Corner	Expending
23DA397	6-1	None	None	Impact fracture	13.8	3.88	3.4 0	6.	1.2 3.1 Missing	Demaged	Square	Side	Expanding
23DA397	1-10	None	None None	None	10.0	3.2	3.2 0	0.9	1.4 3.2 Missing	Damaged	Barbed	Conner	Expanding
23DA 397	11-11	None	None	None	11.2	33.88	3.1 0	1 6	1.5 G.0 Missing	Demaged	Square	Corner removed	Expanding
23DA397	1.12	None	None	None	7.2	2.2	33 0	1 1	1.5 3.3 Missing	f. fixsing	Square	Corner removed	Expanding
23DA397	1.13	7 508	Noge N	None	11.3	6.4	35 0	1 5	1.4 2.8 Missing	Damaged	Square	Corner removed	Expending
23DA397	1-14	None	None	None	8.0	3.8	3.f 0	0.8	.5 2.1 Broad	Excurvate	Sloping	Corner removed	Contracting
23DA397	1-13	None	None	Impact facture	6.4	5.9	0 6.1	1 1	.2 2.0 Missing	Damaged	Missing	Corner removed	Expanding
25DA 397	1-16	None	None	Impact facture	5.5	2.9	2.5 0	0.6	1.2 0.0 Missing	Damaged	Missing	Side	Lobed
23DA397	1-17	None	None	None	9.1	3.1	3.8 0	0.6	1.0 1.7 Missing	Damaged	Square	Corner removed	Parifel
230A 397	91 -1	None	None	None	1.5	5.1	1.9 0	1 9.0	1.0 2.0 Missing	Missing	Missing	Corner	Expanding
23DA398	-	None	None	None	45.4	7.0	5.0	3	0.0 0.0 Missing	Damaged	None	Unsot:hed	Unstranged
23DA398	1.2	Noge S	None	None	49.2	4.9	3.8	8 .	0.0 0.0 Mesing	Damaged	None	Unpotched	Utstemmed
23DA348	F:3	None	None	None	9.6	0.0	0.0	0.0	0.0 0.0 Missing	Missing	None	Unpotched	Utstemmed
23DA398	7	None	None	None	8.6	£	3.0 0	0.8 0	0.0 0.0 Missing	Demaged	Square	Corner removed	Parallel
23CA398	1.5	None	None	None	8.4.8	5.3	2.8 0	0.8	1.1 2.3 Missing	Damaged	Missing	Side	Expanding
23DA398	9-1	Nose.	None	None	6.5	3.3	2.2 0	0.8	1.1 1.6 Missing	Damaged	Sloping	Comer removed	Expanding
23DA 398	1.7	None	None	None	4.0	3.6	2.0 0	0.6	0.0 0.0 Missing	Damaged	None	Unnotched	Missing
23DA399	- -	Ž.	None	None	12.5	0.0	0.0	0.0	0.0 0.0 Missing	Damaged	ZoBe	Unnotched	Missing
23DA 400	1-1	Firde-wei	None	None	7.6	8.4	2.4 0	0.6	.8 2.1 Rounded	Excurvate	None	Unnotched	Parallel
23DA400	1.2	None	None	None	137.9	0.0	0.0	0.0	0.0 0.0 Missing	Missing	Zone	Unnotched	Unstemmed
23DA400	1:3	None	Note	None	24.6	5.1	4.7	1.1	.5 2.2 Missing	Damaged	Rarbed	Rassaf	Parallel
23DA 400	7	None	None	Impact fracture	17.2	4.6	3.5	0.9	4 2.3 Missing	Damaged	Barbed	Bassal	Parallel
23DA400	1.s	None	None	None	108.5	8.8	5.3 2	2.3 0	0.0 0.0 Rounded	Excurvate	None	Unnotched	Unstemmed
23DA400	4	Hide-wet	Note	None	31.8	5.8	4.6	1.2 0	1.0 0.0 N/A	V / Z	N/A	N/A	K/K
23DA400	1.7	None	None	None	10.3	5.9	3.4		.4 2.4 Missing	Missing	Missing	Basai	Parallel
23DA400	\$	Nate	None	None	6.2	3.5	2.8 0	9	.3 2.2 Missing	Damaged [Barbed	Comer	Expanding
23DA 40C	o.	None	None	None	9.6	3.5	3.2 0	1 6:0	3 2.4 Missing	[]amaged	Square	Corner removed	Expanding

APPENDIX B
Stone tools collected by Howard Wimmer

Sie No.	Š							l					
23DA400	01-1	None	None	None	6.4	2.7	3.1 0	1.1	1 1.5 Missing	Missing	Square	Corner removed	Profet
23DA400	1.11	None	None	None	7.1	4.5	2.6 0	8 2.6	6 1.6 Pointed	Straight	Stoping	Corner removed	Contracting
23DA400	1.13	None	None	Nose	17	1.7	1.3 0	0.6 0.5	5 1.1 Pelated	Excurvate	Sloping	Side	Expanding
23DA400	1.14	None	None	Nose	5.6	3.5	2.7 0	0.6 0.0	0 0.0 Missing	Damaged	Missing	Unnotched	Missing
23DA 400	1.15	None	None	Nose	2.9	2.7	2.0 €	0.5 0.0	0 0.0 Missing	Damaged	None	Corner	Missing
23DA401	Ξ	None	None	Nose	1.4	5.2	2.8 0	0.8 0.0	0 0.0 Missing	Damaged	None	Unnotched	Unstenmed
23DA401	1.2	None	Noge Noge	None	368.1	0.0	0.0	0.0 0.0	0 0.0 Missing	Missing	None	Unnotched	Unsternmed
23DA401	<u>.</u>	202	No sec	None	10.0	2.4	4.3 0.	8. 1.5	5 3.1 Missing	Missing	Barbod	Cortect	Expending
23CA401	<u> </u>	20%	None	Nose	8.0	3.3	3.1	0.8	3 2.2 Missing	Damaged	Sloping	Corner removed	Expending
230.4601	. 1.	Z.	None	None	17.4	3.7	3.7	9.1	6 2.8 Missing	Damaged	Square	Corner removed	Expanding
23DA401	9	Nose	None	Impact fracture	1.91	5.2	3.3 0	0.9 1.2	2 2.7 Missing	()amaged	Square	Comer	Expending
13DA 401	1.7	X or	None	None	10.5	3.4	3.4 0.	8. 1.6	6 2.8 Missing	()amaged	Square	Corner removed	Expanying
23DA401	\$	None	None	Nose	16.2	3.9	4.0	0.9	1.2 0.0 Missing	Damaged	Barbed	Corner	Expanding
23DA401	1.9	None	None	Nose	6.5	3.3	2.5 0	0.7 1.	3 0.0 Missing	Damaged	Burbed	Corner	Expending
23DA401	1.10	None	None	None	8.0	3.8	3.6	0.7 1.3	3 2.3 Missing	Damaged	Barbed	Corner	Expanding
23DA401	1.11	None	None	Nose	12.8	2.9	5.0 0.	8.1	4 0.0 Missing	Missing	Barbed	Conter	Expanding
23DA401	1.12	None	None	Nose	30.0	0.0	0.0	0.0	0.0 0.0 Missing	Damaged	2	Unnotched	Missing
23DA401	1.13	None	None	None	16.2	0.0	0.0	0.0	0.0 0.0 Missing	Missing	None	Corner	Missing
23DA401	1.14	None	None	None	15.5	0.0	0.0	0.0 0.0	0 0.0 Missing	Damaged	None	Unnotched	Missing
23DA401	1.15	None	None	Impact fracture	13.7	3.7	3.3	0.8 1.	1.2 3.2 Missing	Damaged	Missing	Corner	Expanding
23DA401	91-1	None	None	Impact fracture	13.5	4.1	3.6	0.8 1.	2 3.1 Missing	Damaged	Square	Corner removed	Parallei
23DA401	1.17	A See	None	Impact fracture	10.7	3.9	3.0	0.7 1.	3 2.7 Missing	Damaged	Missing	Corner removed	Fxpanding.
23DA401	1-18	Zose	None	None	11.6	4.5	2.6	0.9	.4 0.0 Missing	[]amaged	Square	Side	Expanding
23DA401	1.19	Noge Noge	None	None	6.8	3.0	3.8	0.7 1.	1.0 3.1 Missing	Damaged	Barbed	Comer	Expanding
23DA401	1.20	None	None	None	8.3	3.4	3.0	0.8 1.	1.0 2.6 Missing	[]smaged	Square	Corner	Expanding
23DA 401	1.21	None	None	None	6.1	2.7	3.1	0.7 0.	0.8 1.9 Missing	Missing	Barthed	Corner removed	Parallel
23DA401	1-22	%	None	None	35.7	6.3	3.8	S	0.0 0.0 Rounded	Excurvate	None	Unnotched	Unsternmed
23DA401	1-13	None	None	None	22.3	9:9	3.6	1.0 0.1	0.0 0.0 Rounded	Excurvate	None	Unpotched	Unstemmed
23DA401	1.2	None	None	None	20.0	5.0	3.1	1.2 0.	0.0 0.0 Rounded	Asymmetrical	None	Unnotched	Unsternmed
23DA401	1.25	None	None	None	33.9	5.1	9.7	0.8 0.	0.0 0.0 Missing	Messing	None	Unnotched	Unsternmed
23DA401	1.26	None	None	Hone	94.4	8.4	5.9	2.0 0.2	0.0 0.0 Rounded	Missing	None	Unrotthed	Unsternmed
23DA401	1.27	None	None	None	107.3	7.5	5.6	2.0 0.2	0.0 0.0 Rounded	Asymmetrical	None	Unnotched	Unsternined
23DA402	Ξ	None	None	None	11.0	4.6	2.5	0.7	5 2.3 Missing	Damaged	Sloping	Side	Expanding
23DA402	1.2	None	None	None	37.7	0.0	0.0	0.0	0.0 0.0 Missing	Danaged	None	Unnotched	Unsternmed
100, 100,		;	2	Nices		ì				•		;	-

APPENDIX B

0.0 0.0 0.0 0.0 Missing Missing Nove 3.7 2.4 0.7 1.4 1.7 Missing Damaged Sophing Co 3.1 2.5 0.7 1.3 2.0 Missing Damaged None Un 0.0 0.0 0.0 0.0 Missing Damaged None Un 4.0 2.8 0.0 0.0 Missing Damaged Damaged Co 4.0 2.8 0.0 0.0 Missing Damaged Damaged Co 5.2 3.7 0.9 1.5 2.0 Missing Damaged Damaged Co 4.0 2.3 0.5 0.0 Missing Damaged Damaged Co 4.7 1.0 0.0 Missing Damaged Damaged Co Un 4.7 1.0 0.0 Missing Damaged Damaged Damaged Co Un Co <th></th>														
14 Note No		1		No.	Noise	4.8		0.0		1.0 0.0 Missing	Missing	Nobe		1
1.1 None None Impact facture 8.3 1. 2.3 1. 2.0 1. 2.0 Missing Nicsing Square Co.			300	MODE		. 0		7 4 ([]amaged	Sloping	Corner removed	
12 None No	3DA403	1:1	None	None	Impact fracture	C .					Wissing	Square	Conser	Expanding
1.3 None None None None 1.07 0.00 0.00 0.00 0.00 Natisting Divinity of Square 1.5 None None None 1.16 0.00 0.00 0.00 Natisting Divinity of Square 1.5 None None None 1.10 0.10 0.00 0.00 0.00 Natisting Divinity of Square 1.5 None None None 1.00 1.2 0.00 1.2 0.00 1.0 0.00 Natisting Divinity of Square 0.00 1.2 None None 1.00 1.2 0.00 1.2 0.00 Natisting Divinity of Divinity	3DA403	1.2	None	Nobe	None	£.	3.1					, N	Unnotched	Missing
14 Note Note Note Note 118 0.0 0	304403		200	Nose	None	70.7	0.0				To the second		7 Junostried	Missing
15 None None None 110 4,9 33 0.7 13 2.6 Maxing Danaged Square 1.6 None None None None 1.0 4.0 2.8 0.6 0.0 0.0 Missing Danaged Square 1.2 None None None Impact facture 1.7 1.2 3.1	100		No.	2	None.	11.8	0.0	0.0	0.0	-	Minight			Erranding
1.5 Note Note Note Note 1.0	304403	4	2000	3		0.1	0.7	3.3			Datura ged	Square		
1- None No	3DA403	2	Zone	20 20 20	300				90		[]amaged	Rerbed	Connect	Bifurcated
1.1 None N	3DA403	9-	None	Xose X	None	. G			, ,		Straight	Sloping	Corner removed	Expanding
1.2 None None Impact fracture 17.2 3.1 3	3DA405		None	None	No se	4 .7	D. 4	ָ קיר קיר	n 6		Demaged	Damaged	Corne	Expending
1.3 None None Impact fracture 0.4 1.7 1.0 0.3 0.3 0.0 Missing Excurvate None Underwet None None None 1.2 1.3 1.4 0.0 0.0 Missing Missing None Underwet None	30.405	1.2	None	None	Impact fracture	17.2	2.5	7.6			pas and J	Demaged	Corner	Expending
Hole wet None None None 12 19 13 13 0.0 0.0 Rainfald Demaged None N	307 7 00	-	N.	None	Impact fracture	9 .0	1.7	0.1			Name /		1 familiary	Incomme
1.4 None None None 1.2 1.9 1.3 0.5 0.0 0.0 Missing Demayed None N	30,403	:	1		. N	7.62	4.5	3.4	8.1		Facurate	Zolic	Omorraca	
1.5 None	3DA405	7	Hide-wet				•	1.3			Demaged	None	Unnotched	Missilug
1- None No	3DA405	<u>ا</u> . خ	Zoge Soge	Nobe Nobe				,			Excurvate	None	Unnotched	Unstemmed
1.1 None	3DA405	9-1	None	None	None.	7.7	;				Missing	None	Unnotched	Unsternmed
1.2 None None None 15.8 5.0 4.2 0.0 O.0 Massing O.0 Massing O.0 Massing O.0 Massing O.0 O.0 Massing O.0	3DA406	Ξ	Nobe	None	None	₹	1.4	0.0			4 /₹	4 /2	N/A	××
1-4 None N	3DA 407	1.2	None	None	Nobe	2.3	0.0	ĵ.;	, i		Cresiahr	acc.	Unnotched	Unstrumed
1.1 None None None None 146 50 4.0 0.9 1.3 1.8 total Strutylik Butbod None No	30.407	7	No.	None	Noge Noge	4.2	2.3	7.0	מי			Chains	N/A	Parallel
1.2 None	20.4406		1	None S	Noge N	32.6	2.0	3.7	1.2		or and a	# MANO		Frrendine
1.2 None None None 10.8 5.9 2.4 0.7 0.0 0.0 M/A N/A	200	: :		1	Noge	14.6	5.0	0.4	6.0		EXCURVER	noo inc	- Collect	2
1-3 None	3DA408	7.1		300	200	80.8	8.9	2.4	0.7		Y / X	¥.Z	٧/٢	
1-4 None	3DA408	~ :	None None	SCO.		16.7	¥	7 1	1.3		Missing	None	Unantched	Custemmed
1-3 None N	13DA408	7	None	200 2	2086	4:07	o t	, ,	7		N/A	٧X	N/A	Š
1-1 None	23DA408	5.	None	200	None	7.6	i e	1:			Excurvate	Square	Comer	Expanding
1-1 None None None None 0.9 1.9 1.0 0.4 0.0 0.0 Missing Excurvate Square 1.2 None None None None None 1.2 2.0 1.1 0.4 0.0 0.0 Missing Excurvate Square 1.3 None	23DA410	1.1	None	None	None	o. 0	4.7	· ·	• •		Straight	Square	Corner	Expending
1.2 None None None None 0.8 1.6 1.2 0.3 0.0	23DA412	1.1	None	None	None	6.0	5: ·	<u> </u>	* *		Francoste	Source	Side	Unsternmed
1-3 None None None 1.2 2.0 1.1 0.4 0.0 0.0 missing Square 1.4 None None None 8.7 2.6 3.5 0.7 1.5 2.9 Missing Missing Missing Barbed 1.1 None None Impact fracture 6.2 4.0 1.9 7.8 0.0 0.0 Missing Damaged Sloping 1.1 None None Impact fracture 6.4 3.2 2.7 0.7 0.0 0.0 Missing Damaged Barbed 1.3 None Non	23DA412	1.2	None	None	None	0.8	6.	7:1			Specials.	. <u>.</u> .	Side	Lobod
1-4 None None None 4.8 1.9 2.9 0.7 1.2 2.9 Missing Missing Barbed 1-1 None None None 8.7 2.6 3.5 0.7 1.5 3.2 Missing Missing Barbed 1-1 None None Impact fracture 6.2 4.0 1.9 7.8 0.0 0.0 Missing Damaged Sloping 1-2 None None Impact fracture 6.4 3.2 2.7 0.7 0.0 0.0 Missing Incurvate Sloping 1-3 None None None None 8.9 4.2 2.5 0.8 0.0 0.0 Missing Incurvate Square 1-4 None None None 8.9 4.2 2.5 0.8 0.0 0.0 Missing Missing Barbed 1-5 None None None 8.9 4.2 2.5 0.8 0.0 0.0 Missing Missing Barbed 1-6 None None None 8.9 4.2 2.5 0.8 0.0 0.0 Missing Missing Barbed 1-7 None None None None 1.7 2.5 2.5 0.9 0.0 0.0 Pointed Excurvate Sloping 1-8 None None None None 1.7 2.5 0.9 0.0 0.0 Pointed Excurvate Sloping 1-7 None None None None 1.7 2.5 0.9 0.0 0.0 Pointed Excurvate Sloping 1-8 None None None None 1.7 2.8 0.9 0.0 0.0 Pointed Excurvate None None None 1.7 2.8 0.9 0.0 0.0 Pointed Excurvate None 1.7 2.8 0.9 0.0 0.0 Pointed Excurvate None None 1.7 2.8 0.9 0.0 0.0 Pointed Excurvate None 1.7 2.8 0.9 0.0 0.0 0.0 Pointed Excurvate 0.0	21DA412	-	2	2 02	None	1.2	2.0	=	4 .			Source	410	Expanding
1-1 None None 8.7 2.6 3.5 0.7 1.5 3.2 Missing Missing Barbod	212000		1	200	None	8.3	6.1	5.9	0.7			3		Erranding
1-1 None None Impact fracture 6.2 4.0 1.9 1.8 0.0 0.0 Missing Damaged Sloping Sl	730417	•	3 :		4007	7.8	5.6	3.5	0.7	1.5 3.2 Missing		Karbed	Collect	
1-1 None None Impact facture 0.2 2.7 0.7 0.0 0.0 Missing Damaged Barbed 1.2 None None Impact facture 10.7 4.5 4.0 0.6 1.7 2.5 Missing Incurvate Sloping 1.3 None No	23DA4!3	Ξ	S O D C	3000	TACHE .	6.3	40	0	60		_	Sloping	Side	Onstemned
1.2 None None None None None Incurvate Sloping 1.3 None None Impact facture 10.7 4.5 4.0 0.6 1.7 2.5 Missing Excurvate Barbed 1.4 None None None 8.9 4.2 2.5 0.8 0.0 0.0 Missing Incurvate Square 1.1 None None None 6.0 2.6 3.1 0.7 1.4 2.2 Missing Missing Barbed 1.2 None None 6.0 2.6 3.1 0.7 1.4 2.2 Missing Missing Barbed 1.2 None None 0.0 2.6 3.1 0.7 1.4 2.2 Missing Missing Barbed 1.2 None None 0.0 0.0 0.0 0.0 D.0 D.0 D.0 D.0 D.0 D.0 D.0 D.0 D.0	23FO230	1-1	No Be	Z Z	amount pedul	4 -		'n	6			Barbod	Corner	Expanding
1-3 None Impact facture 10.7 4.5 4.0 0.0 0.8 Missing Excurvate Barbed 1-4 None None None 8.9 4.2 2.5 0.8 0.0 0.0 Missing Incurvate Square 1-1 None None None 6.0 2.6 3.1 0.7 1.4 2.2 Missing Missing Barbed 1.2 None Non	23PO230	1.2	Zone Z	None	None		4 4		; v			Sloping	Corner removed	Contracting
1-4 None N	23PO230	[-]	None	None	impact fracture	10.7		•	5 6			Barbed	Corner	Parallel
1-1 None None None 8.9 4,2 2.3 0.8 0.0 0.0 missing Barbed 6.0 2.6 3.1 0.7 1.4 2.2 Missing Missing Barbed 1.2 None None None 11.7 5.5 2.3 0.9 0.0 0.0 Pointed Excurvate Sloping 1.3 None None None None None None None	23PO230	7	Nobe Nobe	None	None	0.7	C. !	7.1	5			Square	Side	Unstemmed
1.2 None None None 6.0 2.6 3.1 0.7 1.4 2.2 Missaing Princing Stoping 1.3 None None None 11.7 5.5 2.3 0.9 0.0 0.0 Pointed Excurvate Stoping 1.3 None None None	2380304		None	None	None	⊅: ≆0	7.4	7.7	9 9			Rarbed	Corner removed	Expanding
1-3 None None None 11.7 5.5 2.3 0.9 0.0 0.0 Formate Septiment None	MULOGIC	1.2	Kope	None	None	0.9	2.6	3.6	0.7			Sloving	Unnotched	Missing
Signature of the state of the s	2310304		252	Nobe	None	11.7	5.5	73	ō. O			Manadonic	Langehad	Unsternmed
41.5 5.9 5.2 1.2 U.U U.U KOUBOCH CANADAN	M C(N C7	2 :	2 :		No.	41.5	5.9	5.2	1.2	0.0 0.0 Rounded	ed Excurvate	None	Challoneiros	

APPENDIX B
Stone tools collected by Howard Wimmer

Site No.	Cat. No.	3.			W(g)	Overall Size	Size	Ser	Stem Size Morphologic	Morphological Attributes			
23PO304	<u>.</u>	None	None	None	53.0	7.5	0.4	7 0	lo	Damaged	None	Unnoithed	Unstemmed
23PO320		None	None	X ₀	8.7	3.5	2.5 0	0.9	0.0 0.0 Missing	Mexing	Missing	Corner	Missing
23PO320	1.2	None	20 Z	None	4.2	4.3	2.9 0	7 0.	0.0 0.0 Missing	Missing	None	Unnotched	Unst.mmod
23PC351	1:1	Zone	None	None	1.0.1	4.2	2.7 0	0.8 1.	.3 2.4 Missing	Damaged	Sloping	Corner removed	Expending
23FO351	1.2	None	None	None	5.9	2,4	2.1 0	7. 0.	0.9 2.1 Pointed	Straight	Barbed	Corner	Expanding
23PO351	1.3	Hide-wet	None	None	11.2	3.7	3.8 0	0.8	3 3.2 Rounded	Excurvate	Rarbod	Corner	Expanding
23PO351	7	None	None	None	79.5	0.0	0.0	0.0	0.0 0.0 Missing	[Jamaged	None	Unnowhed	Missing
23PO351	1.5	None	None	Xone You	125.9	0.0	0.0	0.0	0 0.0 Missing	Damaged	None	Unnotched	Unstemmed
23PO351	φ	None	None	None	22.7	0.0	0.0	0.0	0.0 0.0 Missing	()amaged	None	Unnotabed	Missing
23PO351	1.7	None	None	None	7.5	2.4	3.9 0	0.8	.4 3.2 Missing	Missing	Square	Corner	Expanding
23PO351	\$ 9	None	None	None	11.7	3.6	3.4 0	0.8	1.4 2.8 Missing	Missing	Square	Corner	Expanding
23PO351	1.9	None None	Zobe Sobe	None	7.9	5.9	3.1 0	1 6.0	2 2.1 Missing	Missing	Square	Corner removed	Parallel
23PO351	1.10	No Be	None	None	11.3	3.6	3.7 0	0.9	0.9 2.5 Missing	Missing	Barbod	Corner removed	Parallel
23PO351	1.11	Nore	Z.	None	9.0	1.7	1.0 0.1	4	0.7 0.9 Rounded	Straight	Square	Corner removed	Expanding
23PO351	1-12	Zone	None	Battering	11.4	4.3	2.8 0	0.8 1.	.3 2.1 Missing	Danaged	Sloping	Corner removed	Expanding
23PO351	1-13	X _{ob}	None	None	7.3	4.1	2.7 0	.7	1.4 2.4 Pointed	Straight	None	Unnotched	Parallel
23PO351	1-14	None	None	None	32.2	6.2	4.3	•	0.0 0.0 Rounded	Excurvate	None	Unrotched	Unstemmed
23FO351	1.15	None	None	None	22.9	5.9	4.6 0	7 0	0.0 0.0 Missing	Missing	None	Unpotched	Unstammed
23PO351	1.16	2002	Zose	None	20.9	4.4	4.4 0	0.8 0.	0.0 0.0 Missing	Missing	None	Unnotched	Unstemmed
23FO351	1.17	None	None	None	797	4.3	4.5	.0	0.0 0.0 Missing	Missing	None	Unnotched	Unstemmed
23PO351	1.18	None	None	None	7.8	2.7	3.9 0	0.6 0.9	0.0 0.0 Missing	Missing	None	Unsouthed	Missing
23PO351	1.19	None	None	None	8.3	3.5	3.1 0	7 0	0.0 0.0 Missing	Missing	None	Unnotched	Missing
23PO351	2.1	None	None	None	1.5	2.6	2.1 0	0.4 0.	.8 1.3 Pointed	Recurred	Barbed	Corner	Expending
23PO351	2-2	None	None	None	157.3	0.0	0.0	0.0	0.0 0.0 Missing	Missing	None	Unnotched	Unstammed
23PO351	2.3	None	None	P.one	35.0	0.0	0.0	0.0	0.0 0.0 Missing	Damaged	None	Unpotched	Missing
23FO351	2.4	None	None	Nonc	31.4		0.0	0.0	0.0 0.0 Missing	Damaged	None	Unnotched	Missing
23PO351	2.8	None	None	None	102.3		5.5	·0 8:1	0.0 0.0 Rounded	Missing	None	Univolched	Unstemmed
23PO351	5.9	None	None	None	37.3	5.2	4.5 L	1.2 0.0	.0 0.0 Missing	Damaged	None	Unpotched	Unstemmed
23PO351	2.10	None	None	None	15.2	3.9	3.4 0	7 0.0		Missing	None	Unnotched	Unstemmed
23PO351	2-11	None	None	None	1.7	2.5	3.4 0	0.8 0.0	_	Missing	None	Unmorthed	Unstemmed
23PO351	2-12	None	None	None	1.4.1	3.9	3.9 0.	20	.5 2.4 Missing	Missing	Barbed	Comer	Expending
23PO351	2.13	X ₀₀ e	None	None	7.7	3.3	3.1 0	0.8	.5 0.0 Missing	Danaged	Barbed	Comer	Expanding
23PO351	2.14	None	None	None	8.5	2.5	3.9 0.	0.9	2 2.3 Missing	Missing	Barbed	Сатег	Expanding
23PO351	2.15	None	None	None	4 .	2.3	3.1 0.	7 1.	3 2.3 Missing	Missing	Barbed	Сотег	Expending
23PO351	5.16	None	None	None	8.2	4.	2.8 0.	7 1.	.2 2.4 Missing	Danuged	Square	Camer	Expanding

APPENDIX B
Stone tools collected by Howard Wimmer

Site No.	Cat No				(g)aM	Overall Size	Size	Sk	Stem Size Morphologi	Morphological Attributes			
2320351	2-17	None	None	Perforating	0.7	2.2	6.0	7.0	0.0 0.0 Missing	Овпирес	None	Unnotched	Unsteamed
23PO351	3.1	X one	None	None	14.8	5.5	3.3	1 8.0	1.0 2.6 Missing	Excurvete	Barbed	Comer	Expanding
23PO351	3.2	None	Zoge Z	None	11.5	3.7	2.9	7	1.5 2.4 Missing	Dama god	Stoping	Side	Lobed
23PO351	3.3	Nobe	None	None	12.0	£3	2.8 (6.0	1.5 2.4 Missing	[]mmaged	Rarbed	Coner	[oped
23PO351	7	None	None	Impact fracture	12.1	3.8	3.4	0.9	1.7 2.2 Missing	[)smaged	Square	Corner removed	Parallel
23P0351	3.5	None	None	None	5.5	3.2	2.4	0.7	1.2 2.1 Missing	Missing	Sloping	Side	Expanding
23PO351	3.6	None	None	None	94.4	0.0	0.0	0.0	0.0 0.0 Missing	Missing	None	Unnotched	Unstemmed
23PO351	3.7	None	No Be	None	47.4	0.0	0.0	0.0	0.0 0.0 Missing	Missing	None	Unnotched	Unstemmed
23PO351	348	None	None	None	28.6	0.0	0.0	0.0	0.0 0.0 Missing	Damaged	None	N/A	Missing
23PO351	3.9	None	None	None	2.0	5 :1	1.9	9.0	0.9 1.7 Missing	Missing	Missing	Comer	Expanding
23PO351	3.10	None	X _{or}	None	16.2	4.5	3.3	6.0	0.8 0.0 Missing	Damaged	Missing	Corner removed	Contracting
23PO351	3.11	None	Zog Z	None	3.6	3.6	3.4 0	9:0	0.0 0.0 Missing	Missing	None	Unnotched	Unstranod
23PO351	7	None	None	Plone	6.0	4.7	1.9	0.8	1.4 1.9 Missing	Straight	None	Unnotched	Contracting
23PO351	4.2	None	None	None	3.1	3.0	1.9	0.5	1.0 1.4 Missing	Excurvate	Square	Corner removed	Parallel
23PO351	4.	None	None	Impact fracture	3.5	3.3	2.1 C	9.4	0.0 0.0 Missing	Straight	Rarbed	Basel	Missing
23PO351	4	None	None	None	4.2	4.4	2.0	9.0	1.5 0.0 Missing	Missing	Missing	Corner removed	Expanding
23PO351	4.5	None	None	None	2.3	2.0	1.8	9.0	0.0 0.0 Missing	Missing	None	Unnotched	Contracting
23PO351	4	Xobe e	None	None	7.4	5.0	1.9	0.7	1.1 0.0 Missing	Damaged	Square	Corner removed	Parallel
23PO351	4.7	None	None	None	2.96	0.0	0.0	00	0.0 0.0 Missing	Damaged	None	(facotched	Unsteamed
23PO351	4 &	None	2002	None	38.7	0.0	0.0	0.0	0.0 0.0 Missing	Damaged [Note	Unpotched	Unstemmed
23PO351	4.9	None	None	None	12.4	0.0	0.0	0.0	0.0 0.0 Missing	Damaged	None	Unnotched	Unsternmed
23P0351	017	None	8 %	None	133.6	7.5	6.8 2	2.3	0.0 0.0 Missing	Damaged	None	Unnotched	Unstemmed
23P0355	1.1	None	None	Impact fracture	5.6	4.1	2.0 0	0.7	0.8 1.7 Missing	Straight	Sloping	Corner removed	Exprending
23PO355	1-2	None	None	None	4.6	5.9	3.0	0.4	0.7 2.0 Missing	[Jamaged	Barbod	Bassal	Expresding
23PO355	1-3	None	None	None	9.0	2.3	1.3	0.3	0.8 Pointed	Straight	Barbed	Corner	Expanding
23PO355	7	None	None	None	34.2	5.3	4.6	7.	1.2 2.2 Missing	Damaged	Barbed	Corner removed	Parellel
23PO355	1-5	None	None	None	85.1	0.0	0.0	0.0	0.0 0.0 Missing	Missing	None	Unnotched	Unstemmed
23PO355	1.6	None	None	None	15.6	0.0	0.0	0.0	0.0 0.0 Missing	Damaged	None	Uanotched	Missing
23PO355	1-7	Hide-wet	Nonc	None	9.1	4.2	3.9	9.0	9.0 0.0 Missing	Damaged	Bartod	S _{mer}	Missing
23PO355	*	Note	None	None	6.9	3.3	2.7 0	7.	0.0 1.8 Missing	Straight	Square	Corner removed	Pamillel
23PO355	1-9	None	None	None	19.7	4.6	5.2 0	6.0	1.5 2.7 Missing	Missing	Barbed	Coner	Expanding
23PO355	1-10	Z _o Z	None	None	8 4	3.6	2.7 0	0.8	1.4 2.5 Missing	Excurvate	Sloping	Side	loted
23PO355	11-1	Notic	None	None	8.6	4.6	3.4 0		0.0 0.0 Missing	Damaged	None	Unnotched '	Unstemmed
23PO357	Ξ	None	None	None	1.7	2.7	1.8	6.5	3.7 1.0 Pointed	Straight	Barbed	Comer	Expanding
23PO357	1-2	None	Nobe	None	3.5	2.3	2.7 0	0.5	0.6 0.0 Missing	Damaged	Barbed	Basel	Expanding

APPENDIX B

Site No.	Cat No.				W(g)	Overall Size	1 Stre	S	Stem Size	Morphological Attributes	al Armibura			
23PO357	1-3	None	None	None	14.0	5.5	3.2	6:0	1.6 2	2.4 Mirsing	Dansgrd	Square	Corner removed	Expanding
23PO357	7	None	X _O X	None	5.8	3.0	2.4	9.0	1.3 2	2.4 Missing	[Jamaged	Missing	Side	Expanding
23PC357	1-5	None	None	None	1.2	9:1	1.3	0.5	1.0 0	0.0 Missing	Missing	Square	Corner removed	Expanding
23PO357	1.6	None	Zone Zone	None	1.0	1.0	1.8	0.5	0.0	0.0 Missing	Missing	Z086	Unnoithed	Expanding
23PO357	1-7	None	None	None	26.1	5.1	3.3	1.4	0.0	0.0 Reunded	Missing	None	Unsotched	Unstrumed
23PO357	• ♀	None	None	None	27.7	0.0	0.0	0.0	0.0	0.0 Missing	Missing	Zobe	Unnotched	Unstranged
23FO357	1-2	None	None	None	1.88.1	0.0	0.0	0.0	0.0	0.0 Missing	Damaged	None	Unsotched	Unstrumed
23PO357	7.7	X ose	You	None	22.7	5.8	4 .6	6.3	1.3 2	2.5 Poisted	Straight	Barbed	Resul	Parallel
23FO357	2.3	None	None	None	9.1	2.8	3.8	0.8	1.3 2	2.5 Mi sing	Missing	Barbed	Corner	Expanding
23PO357	7-7	None	None	None	4.2	3.2	2.0	0.7	0.7 0	0.0 Missing	Excurvate	Square	Side	Expanding
23PO357	2-5	None	None	None	1.7	2.3	9.1	0.5	0.8	1.3 Missing	Damaged	Missing	Corner removed	Parallei
23PO357	5-6	None	None	None	8.5	9.0	3.0	9.0	0.0	0.0 Missing	[Jamaged	None	Unsoiched	Uastemmed
23PO359	1.1	None	None	None	548.3	0.0	0.0	0.0	0.0	0.0 Missing	Demaged	Kope	Unnotched	Unstermed
23PO359	1.2	None Sec	None	None	53.5	0.0	0.0	0.0	0.0	0.0 Missing	Damaged	None	Unnotched	Unstrained
23PO359	1.3	7 0 0	None	None	25.2	0.0	0.0	0.0	0.0	0.0 Missing	Demaged	None	Unpotched	Unstemmed
23PO 559	7	None	None	None	32.8	0.0	0.0	0.0	0.0	0.0 Missing	Missing	None	Unporched	Unstemmed
23PO359	1-5	Zone	None	None	4.9	3.0	2.4	0.7	0.0	0.0 Missing	Missing	None	Unnotched	Parallel
23PO359	1.6	Zore	Nose	None	16.8	6.1	5.9	6:0	1.2 2	2.1 Missing	Damaged	Stoping	Side	Expanding
23PO359	1.7	None	None	Impact fracture	10.9	4.5	3.5	0.5		3.0 Missing	Damaged	Onmaged	Corner removed	Expanding
23PO359	• ≎	None	None	None	6.9	3.2	3.4	0.7	1.3	3.1 Missing	Damaged	Square	Side	Expanding
23PO359	1.9	None	X 096	Nobe	5.5	3.3	2.5	9:0	1.0 2	2.5 Missing	incurvat-	Barbed	Corner	Expanding
23PO359	1-10	None	Zone	Impact fracture	14.2	4.5	3.0	1.2	1.3 2	2.8 Missing	De maged	Missing	Corner removed	Expanding
23PO359	1.11	None	None	Nonc	8.4	2.9	3.2	8:0	13 3	3.1 Missing	Missing	Missing	Side	Expanding
23PO359	1-12	None	None	Perforating	4 .8	3.6	5.9	9:0	0.0	0.0 Pointed	Straight	None	Unnotched	Unsternmed
23PO359	1.13	None	Nore	Impact fracture	11.2	4.7	3.5	0.7	1.2 2	2.8 Missing	Damaged	Burbed	Corner removed	Expanding
23PO359	1-14	None	None	Impact fracture	1.7	2.0	1.7	0.5	0.8	1.2 Missing	Missing	Square	Corner removed	Expanding
23PO359	1-15	No.	None	None	4.1	3.6	1.9	9.0	0.0	0.0 Rounded	Excurvate	None	Unnoiched	Unstemmed
23PO359	1.16	None	None	impact fracture	2.3	2.4	9.1	0.5	0.0	0.0 Missing	[Jamaged	None	Unnotched	Unstemmed
23PO359	1-17	<u>8</u>	None	Impact fracture	2.4	2.4	1.7	5.0	1.0	1.8 Mirsing	Damaged	Sloping	Side	Expending
23PO359	1.18	Zone Sone	None	Impact fracture	2.3	2.0	1.7	9.0	8.0	1.7 Missing	Damaged	Sloping	Side	Expanding
23PC359	1-19	Kope	None	Impact fracture	2.0	1.7	2.2	0.7	1.0 2	2.2 Missing	Missing	Missing	Side	Expanding
23PO359	1.20	lfide-wet	No Be	None	4.2	2.8	2.2	9.0	1.3 2	2.1 Rounded	Excurate	Square	Corner removed	Expanding
23PO359	1-21	None	None	None	5.8	2.5	3.1	0.7	1.4 2	2.1 Missing	Missing	Damaged	Corner removed	Expanding.
23PO359	1-22	Note	None	None	0.6	3.1	3.0	8.0	1.4 2	2.7 Missing	Damaged	Damaged	Comer	Fxpanding
23PO359	1.23	Nobe	None	None	6.3	3.5	5.6	8.0	1.2 0	0.0 Missing	Excurvate	Sloping	Side	Lobed

APPENDIX B Stone tools collected by Howard Wimmer

Site No.	Cat. No.				W(g)	Overall Size	Size	S	Stem Size Morphology	Morobological Attributes			
23PO359	12.	None	Z.08c	None	3.2	2.4	l	2.0	Í 🕶	Missing	Missing	Corner	Expaoding
23PO359	1-25	None	No Be	None	3.5	3.1	1.8	0.5	0.0 0.0 Missing	Damaged	Barbed	Corner	Missing
23PO359	1.26	None	Zoge Zoge	None	4.4	3.6	2.0	0.7	1.2 0.0 Missing	Missing	Barbed	Conter	Expanding
23PO359	1.27	None	None	Perforating	9 .0	1.5	0.7	0.3	0.0 0.0 Missing	Straight	None	Unnotched	Unsternmed
23PO359	1.28	None	None	None	0.4	2.4	5.6	9.0	1.4 0.0 Missing	Missing	Stoping	Corner removed	Parallel
23PO359	1-29	None	No Be	None	4.2	2.4	2.3	0.7	1.2 2.2 Missing	Missing	Sloping	Corner removed	Expanding
23PO359	1:30	None	None None	None	3.9	2.1	2.1	8.0	1.1 1.9 Missing	Missing	Sloping	Side	Expanding
23PO359	1.31	None	20 Z	None	6.7	3.4	2.8	9:0	0.0 0.0 Missing	Excurvate	Barbed	Basal	Missing
23PO360	1-3	None	None	None	6.2	4.1	2.3	9.0	1.0 0.0 Missing	Damaged	Barbed	Сощет	Expanding
23PO360	7	Note	None	Impact fracture	7.1	4.6	2.3	8.0	1.4 1.5 Mirsing	Damaged	Sloping	Corner removed	Parallel
23PO360	1.5	None	None	None	501.7	0.0	0.0	0.0	0.0 0.0 Missing	Damaged	None	Unretched	Unstemmed
23PC)360	1.6	Hide-wet	None	None	71.0	7.0	6.0	9.1	0.0 0.0 N/A	N/A	N/A	N/A	N/A
23PO360	1.7	None	Zone	None	10.2	9.9	2.6	0.7	1.2 0.0 Polated	Recurred	Burbed	Corner removed	Expanding
23PO360	* ?	None	None	None	4.2	4	1.8	9.0	0.0 0.0 Pointed	Recurred	Stoping	Comer	Missing
23PO360	1-9	None	None	None	11.0	4 .	3.0	8.0	1.4 2.7 Missing	Asymmetrical	Square	Comer	Expanding
23PO360	1-10	None	None	None	11.3	3.8	0.0	8:0	1.3 2.7 Missing	Danaged	Rarbed	Comer	Expanding
23PO360	11-1	None	None	None	3.4	2.7	2.8	9 .0	0.0 0.0 Missing	Damaged	Barbed	Basai	Missing
23PO360	1-12	Nose	None	None	7 .6	5.0	2.8	0.7	1.7 1.8 Missing	Excurvate	Stoplag	Unnotched	Contracting
23PO360	1-13	None	2002	Impact fracture	11.3	4.9	2.9	0.7	2.0 2.4 Missing	Incurvate	Sloping	Unnotched	Contracting
23PO360	1-14	None	None	None	6.5	4.2	2.4	9.0	1.8 2.1 Missing	Damaged	Demaged	Unnotched	Contracting
23PO360	1-1	None	None	None	5.7	3.1	2.7	0.1	1.4 1.9 Missing	Damaged	Sloping	Unnotched	Contracting
23PO360	91-1	None	None	None	2.9	3.9	3.5	6:0	1.5 3.4 Missing	Damaged	None	Side	Expending
23PO360	1.17	None	None	None	6.5	2.5	2.6	9.0	1.3 2.7 Missing	Missing	Sloping	Side	Expanding
23PO360	1-18	None	None	Perforating	Ø;	3.8	3.1	9.0	0.0 0.0 Missing	Incurvate	None	Unnotched	Unstemmed
23PO360	1-19	None	None	None	22.8	0.0	0.0	0.0	0.0 0.0 Missing	Missing	None	Unnotched	Unstemmed
23PO360	1.20	None	None	None	17.3	0:0	0.0	0.0	0.0 0.0 Missing	Damaged	None	Unnotched	Unsternmod
23PO366	1.21	None	Kope Sope	Impact fracture	5.1	33.3	1.9	8.0	0.0 0.0 Missing	()amaged	None	Unnotched	Missing
23PO360	1:22	Hide-wer	None	None	26.7	8.3	57	6.0	0.0 0.0 Rounded	[]amaged	None	Unnotched	Unstanted
23PO366	2.1	Nobe	None	None	12.3	5.5	2.7 (0.8	1.3 2.6 Point	Excurvate	Square	Side	Expanding
23PO360	7-7	None	Zone Conse	None	11.2	5.4		8.0	1.6 2.8 Pointed	Straight	Sloping	Side	Expanding
23PO360	2-3	None	None	Impact fracture	2.8	3.2		-	0.9 0.0 Missing	Straight	Square	Side	Expanding
23PO360	7.7	None	None	None	7.1	4 4.	2.6 (0.7	0.0 0.0 Rounded	Excurate	None	Unnotched	Unstemmed
23PO360	5.2	None	None	None	6.7	0.0	0.0	0.0	0.0 0.0 Messing	Danuged	None	Unnotched '	Unstemmed
23PO360	5.6	None	None	None	4.2	7.1	3.6	0.7	2.1 2.6 Missing	Missing	None	Unnotched	Expanding
23PO361	1:1	Xone Conse	None	None	10.5	3.4	4.3	0.7	1.1 2.8 Missing	Damaged (Barbed	Corner	Expanding

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APPENDIX B

Site 'o.	Cat No.				(3)	Overall Size	ize	Stem	Stem Size Morphotog	Morphological Attributes			
23PC.361	1-7	None	None	None	15.3	4.2	3.6 0.9	9 2.	6 3.0 Missing	[]#maged	Barbed	Corne:	Expanding
23FO361	Ξ.	None	None	Kone	3.6	2.7 2	2.4 0.6	.0	7 2.0 Pointed	Excurvate	Barbed	Comer	Expanding
23PO361	7	None	None	None	5.7	3.4 2	2.7 0.5		2.0 2.0 Missing	Missing	Sloping	Unnoiched	Contracting
23PO J61	1.5	None	None	None	0.2	1.3	0.9 0.2	2 0.5	5 0.9 Missing	Drawged	Square	Side	Expanding
23PO361	9-1	None	None	None	1.4	1.9	1.4 0.5	\$ 0.9	9 1.4 Messing	Missing	Missing	Corner removed	Expanding
2350361	1.7	Note	None	None	6.7	0.0	0.0 0.0	0.0	0 0.0 Missing	Damaged	None	Unnotched	Unstemmed
23PO351	4 5	Note	None	None	123.4	0.0	0.0 0.0	0.0	0 0.0 Missing	Damaged	None	Unnotched	Unsternmed
23PO366	1:1	None	None	None	11.5	5.4 3	3.1 0.7	7 1.5	5 2.3 Pointed	Excurvate	Rarbed	Corner removed	Expanding
23PO366	1-2	None	None	None	7.6	5.7 2	2.9 0.5	\$ 1.5	5 2.1 Pointed	Recurved	Sloping	Corner removed	Contracting
23FO366	1-3	None	None	None	228.0	0.0	0.0 0.0	0.0	0 0.0 Missing	Danninged	None	Unnotched	Unsternmed
23PO366	7	None	None	None	65.5	0.0	0.0 0.0	0 0.0	9 0.0 Missing	Demaged	None	Unpotched	Unsternmed
3350366	1.5	None	None	None	0.61	0.0	0.0 0.0	0.0	0 0.0 Missing	L. naged	None	Unpotched	Urstemped
13PO366	9-	None	None	None	20.8	7.2 3	3.7 0.7	7 1.3	3 1.6 Pointed	Excurvate	Barbed	Corner removed	Parallel
3950367	1.1	None	Bone/antler	Impact fracture	0.61	6.5	3.4 0.9	0.0	0 1.9 Missing	Unmaged	Square	Corner removed	Parallel
13PV)366	1.8	None	None	None	6.8	3.9	4.1 0.5	\$ 1.2	2 2.4 Mrssing	Damaged	Barbed	Corner removed	Expanding
33PO366	6:1	Z.	Zone	None	20.1	5.8 3	3.5 1.0	0.1.0	0 2.2 Missing	Damaged	Barbed	Corner removed	Expending
23PO366	1.10	Nobe	None	None	7.6	5.1 2	2.2 0.7	7 1.0	0 2.1 Pointed	Asymmetrical	Square	Corner removed	Expanding
13PO366	1-11	None	None	None	11.3	3.8 3	3.4 0.8		.4 2.4 Missing	Unmaged	Barbed	Corner removed	Expanding
3380366	1-12	None	None	None	4.5	3.3 2	2.1 0.6	6.0	9 0.0 Missing	Damaged	Barbed	Corner	Expanding
23PO366	1-13	X _{ob} X	None	Impact fracture	2.0	2.0 2	2.2 0.5	5 0.8	8 1.2 Missing	Dannacd	Square	Corner removed	Expanding
310366	1.14	None	None	None	5.5	2.9 2	2.7 0.7	7 1.0	0 1.4 Missing	Missing	Square	Corner removed	Expanding
23PO366	1-15	None	None	None	5.9	1.8 1	9.0 6.1	6.0	9 1.2 Missing	Missing	Square	Corner removed	Expanding
3PO366	1-16	None	None	None	9.9	3.4 3	3.1 0.6	6 1.6	6 2.0 Missing	Datamach	Sloping	Corner removed	Contracting
23PO365	1-17	None	None	None	9.9	3.0	3.2 0.8	8 1.5	5 1.9 Missing	Damaged	Sloping	Corner removed	Contracting
23PO366	1.18	None	None	None	6.8	3.9	3.3 0.6	6 1.7	7 2.1 Missing	Demaged	Square	Corner removed	Contracting
33PO366	1-19	None	None	None	12.6	5.9 3	3.6 0.9	9 1.7	7 1.8 Missing	Incurvate	Sloping	Corner removed	Contracting
23FO366	1-20	Xobe Xobe	None	None	0.5	2.4	1.0 0.4	9.0	6 0.8 Pointed	Straight	Sloping	Side	Expanding
23PO366	1-21	None	None	Impact fracture	0.5		1.1 0.4		6:0	Damaged	Rarbed	Comer	Expanding
3350366	1-22	None	None	None	5.0	-	1.3 0.3	3 0.6	5 0.8 Missing	Incurved	Square	Corner removed	Expanding
23PO366	1-23	None	Nobe	None	0.5	_	1.2 0.4		8 1.0 Missing	[Jamaged	Square	Corner removed	Expanding
2.PO366	1.2	None	None	None	0.2		1.1 0.3	3 0.0	0 0.0 Missing	Damaged	None	Unnotched	Missing
25PO366	1 23	Xobe Sobe	None	None	6.0		1.5 0.3	-	_	Damaged	None	Unnokhed	Missing
23PO366	1.26	None	None	None	109.9	9.2	4.7 2.0	0.0		Excurvate	None	Unnotched	Unstemmed
23PO366	1.27	None	None	None	192	4.3 5	5.0 0.	8 0.0		Damaged	Non	Unnotched	Unstemmed
35O366	1.28	Hide-wel	None	None	7.0	2.1 3	.3 0.8	3 0.0	0 0.0 Missing	Excurvate	None	Unnotched	Unstemmed

APPENDIX B

Site No.	Cat. No.				(B) A	Overall Size	Size	S	Stem Size Morphological Attributes	pcal Attributes			
23PO366	1-29	None	Nose	None	109.7	10.6	6.1	1.6	0.0 0.0 Rounded	Excurvate	None	Unnotched	Unsternmed
23PO366	X :1	None	None	None	5.2	0.0	0.0	0.0	0.0 0.0 Missing	Missing	Barbed	Comer	Expending
23PO366	1.31	None	None	None	1.6	12.6	1.7	6.5	0.0 0.0 Missing	Missing	None	Unnotched	Contracting
23P0366	1-32	None	None	None	61.1	6.3	5.2	1.7	0.0 0.0 Missing	Damiged	None	Unpotched	Unstemmed
23P0366	<u>x</u> :	None	None	None	70.1	8.3	5.2	9.7	0.0 0.0 Rounded	Excurvate	X _o pe	Unnotched	Unsternmed
23PO366	1-35	None	None	None	116.0	3.6	5.7	2.9	0.0 0.0 Rounded	Excurvate	None	Unsolched	Unstranged
23PO366	1-36	None	None	None	66.3	9 0	4. 5	9.1	0.0 0.0 Rounded	Excurvate	Note	Unnotched	Unstemmed
23PO370	1-1	Nose	None	None	424.4	0.0	0.0	0.0	0.0 0.0 Missing	Lamaged	Kope	Unnotched	Unstenned
23PO370	1.2	None	None	None	34.4	0.0	0.0	0.0	0.0 0.0 Missing	Damaged	None	Unnowhed	Unstenmed
23PO370	1.3	None	Kope	None	81.6	0.0	0.0	0.0	0.0 0.0 Missing	Damaged	None	Unnorthed	Unstranted
23FO370	7	None	None	None	1.8.	6.5	3.3	8.0	1.5 3.0 Pointed	Excurvate	Missing	Corner removed	Expanding
23PO370	1.5	None	None	None	16.6	6.0		0.8	1.9 2.2 Missing	Excurvate	Square	Corner removed	Contracting
23PO370	9	None	None	Impact fracture	7.3	4.6	2.7	9.0	2.1 2.3 Missing	Danaged	Mheing	Corner removed	Contracting
23PO370	1-7	None	None	None	5.6	3.2	3.2	9.0	2.2 2.3 Missing	Missing	Square	Corner removed	Contracting
23PO370	1.8	None	None	None	11.2	4 .0	2.8	0.7	1.8 1.9 Missing	Damaged	Sloping	Corner removed	Contracting
23PO370	6-1	Nove	None	None	8.2	5.4	2.6	5.0	1.4 2.2 Pointed	Excurvate	Sloping	Side	Expanding
23PO370	1-10	None	Note	None	7 .6	4.1		0.7	1.8 2.2 Missing	Damaged	Sloping	Corner removed	Contracting
23PO370	1-11	Woca	None	None	10.0	9.6	2.7	8.0	1.1 2.7 Rounded	Asymmetrical	Sloping	Side	Expanding
237:0370	1-12	Nobe	None	None	11.1	5.3			1.2 2.3 Missing	Damaged	Barbed	Corner removed	Expending
2380370	1-13	Nobe	None	None	10.8	3.2		8.0	1.5 2.8 Missing	Missing	Barbed	Corner removed	Expanding
23PO370	1-14	None	None	None	4.6	2.4	2.7	9.0	0.0 0.0 Misring	Missing	None	Unnotched	Unsternmed
23PO370	1.15	None	None	Impact fracture	0.01	3.3	3.5	60	1.5 3.0 Missing	Missing	Square	Side	Expending
23PO370	91-1	None	None	None	7.4	5.9	3.7	0.7	1.0 2.0 Missing	Damaged	Barbed	Basal	Parallet
23FO370	1-17	None	None	Impact facture	2.8	5.6	2.3	0.5	1.1 1.4 Missing	Missing	Square	Corner removed	Expanding
23PO370	1.18	None	Z005	None	7.1	5.7	2.2	9.0	1.1 1.5 Pointed	Recurred	Sloping	Side	Parallel
23PO370	61-1	None	None	None	4.4	3,4	5.9	9.0	1.1 1.9 Missing	Asy mmetrical	Barbed	Comer	Expanding
23PO370	1.20	None	None	None	6.7	4.7	2.6	0.7	1.0 1.8 Missing	Straight	Barbed	Comer	Expanding
23PO370	1.21	NoBe	None	None	4.1	2.2	2.3	0.7	1.4 2.3 Missing	Missing	Missing	Conter	Expanding
23PO370	1-22	None None	None	Impact fracture	2.7	3.3			0.8 0.0 Missing	Dannaged	Barbed	Comer	Expanding
23FO370	1.23	Note	None	None	3.6	2.0		9.0	0.8 1.9 Missing	Danuged	Barbed	Basal	Expanding
23PO370	7.	None	None	Noire	4.2	2.4	3.0	90	0.7 1.6 Missing	Damaged	Barbed	Bacal	Expanding
23PO370	27-1	None	None	None	3.1	5.6		0. د	0.7 2.0 Missing	Damaged	Barbed	Comer	Expanding
23PO370	97-1	None	None	None	7.0	4.3	2.3	0.8	0.0 0.0 Rounded	Recurved	Square	Corner removed	Expanding
23PO370	1.27	No Re	None	None	7.2	4.2		9.0	0.9 2.0 Missing	Damaged	Sloping	Comer removed	Contracting
23PO370	87.1	Hide-wet	None	None	12.9	6.2	13.0	9:0	0.0 0.0 Pointed	Excurvate	None	Unnotched	Unsternmed

APPENDIX B
Stone toots collected by Howard Wimmer

SIR 140.				WE(g)	Cyclil Stz	3775	2	Stem Size Morpholog	Morphological Arthours			
23PO370 1-29	9 None	None	None	0.5	1.4	1.1	0.3	0.5 0.9 Missing	[Jamaged	Barbed	Comer	Expanding
23PC370 1-30	O None	None	None	1.0	3.1	0.1	0.3	0.5 0.9 Pointed	Straight	Square	Соте	Expanding
23PO370 1-31	None	None	None	0.7	2.1	1.2	0.3	0.7 0.9 Pointed	Missing	Square	Corner removed	Expanding
23PO370 1-32	None	Nooe	None	9:0	6:1	1.2	0.3	0.9 0.9 Missing	[Jama@ed	Rarbed	Comer	Expanding
23PO370 1-33	3 None	None	None	9.0	2.2	0.1	0.3	0.7 0.8 Missing	Danuged	Missing	Corner removed	Expunding
_		None	None	9.0	1.7	1.2	4.0	0.7 0.7 Pointed	Incurvate	Square	Corner removed	Expanding
_	_	None	None	0.5	9:1	=	0.3	0.5 0.9 Pointed	Straight	Square	Corner removed	Expanding
_	_	None	None	0.5	1.7	Ξ	0.3	0.7 0.8 Pointed	Straight	Square	Comer removed	Expending
23FO370 1-37		None	None	4.0	9.1	0.1	0.3	0.5 0.8 Pointed	Straight	Barbed	Comer	Expanding
		No Be	None	0.5	2.2	6:0	0.3	0.6 0.8 Pointed	Straight	Missing.	Corner removed	Expending
_	_	None None	None	9.0	2.2	0:1	6.3	0.6 1.0 Pointed	Straight	Demaged	Comer	Expanding
	_	No No	None	9 :0	1 .4	8.0	0.3	0.6 0.8 Missing	Missing	Burbed	Corner	Expending
	_	No Se	None	0.5	1.4	-	0.2	0.5 0.9 Missing	Damaged	Square	Side	Expunding
23PO370 1-42	_	None	None	C.5	1.5	0:1	0.3	0.6 1.0 Pointed	Incurvate	Square	Corner	Expanding
23PO370 1-43	3 None	None	None	9.0	2.2	1.1	0.4	0.5 0.7 Pointed	Straight	Barbod	Соптел	Expanding
23PO370 1-44	_	None	None	9:0	1.8	1.1	0.0	0.7 0.8 Missing	[]சமாதூ	Square	Сотег	Expanding
23FO370 1-45	S None	None	None	1.4	3.1	1.1	9 .0	0.6 0.8 Pointed	Excurvate	Sloping	Side	Expending:
23PO370 1-46	_	None	None	9.1	2.5	1.1	0.5	0.5 1.0 Polnted	Excurvate	Rurbed	Corner removed	Expending
23PO370 1-47	_	None	None	1.6	0.0	0.0	0.0	0.0 0.0 Misslag	[Jamaged	None	Unnotched	Vissing.
23PO370 1-48		None	None	89.	0.0	0.0	0.0	0.0 0.0 Missing	Damaged	None	Unsolched	Mixing
	_	80 Z	None	9.2	3.8	2.8	8.0	0.0 0.0 Rounded	Excurvate	None	Unnotated	Unsternmed
	_	None	Nobe	3.6	2.7	2.3	9:0	0.0 O.0 Missing	Excurvate	Nobe	Unnotched	Unsternmed
23PO370 1-51	_	None	Perforating	8.1	9.0	2.0	9.0	0.0 0.0 Rounded	Straight	None	Unnotched	Unsternmed
		None	None	8.9	3.4	2.8	6.0	0.0 0.0 Missing	Excurvate	None	Unpotched	Unstemmed
	_	None	Perforating	8.4	4.3	9.1	8.0	0.0 0.0 Pointed	Straight	None	Unnotched	Unsteruned
		No Be	None	2.2	2.4	9.	0.4	0.0 0.0 Missing	Damaged	None	Unnotched	Unsternmed
	_	None	None	2.9	2.7	8 .	0.5	0.0 0.0 Missing	Damaged	Note	Unnotched	Unsternmed
23PO370 1-56		None	None	3.3	3.3	8 :	6.5	0.0 O.C Missing	[amaged	None	Unaotched	Unsternmed
	_	None	None	4.0	3.6	<u></u>	0.7	0.0 0.0 Pointed	Excurvate	None	Unnotched	Unermod
	_	None	None	32.1	7.8	3.8	1:1	0.0 0.0 Pointed	Asymmetrical	None	Unnotched	(Jastemmed
23PO370 1-60	_	None	None	8.6	3.2	3.4	0.7	1.2 2.3 Missing	Misshng	Sloping	Side	Expanding
	_	None	None	136	4 .	3.0	60	0.0 0.0 Missing	Oa maged	Barbed	Basal	Missing
23PO370 1-62	2 Elide-wet	None	None	41.2	6.0	4.9	9:1	0.0 0.0 Rounded	Excurvate	None	Unnotched	Unsternmed
23PO370 1-63	3 Füde-wet	None	None	49.5	6.9	9.6	1.5	0.0 0.0 N/A	₹ Ž	Y /X	// N	N:A
	•	17	N.	\$n 2	OF	•	٥	On On Missing	Francoste	N.S.	11. sabah	I landament

APPENDIX B Stone tools collected by Howard Wimmer

5.0 3.3 0.8 6.0 0.0 3.0 1.4 0.3 0.9 1.4 5.5 4.4 1.5 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.1 3.0 0.0 1.3 1.8 4.2 4.5 0.9 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 <th>Sile No.</th> <th>Cat No.</th> <th></th> <th></th> <th></th> <th>WE'S</th> <th>Overall Size</th> <th>Size</th> <th>Sea</th> <th>Stem Size Morphologi</th> <th>Morphological Attributes</th> <th></th> <th></th> <th></th>	Sile No.	Cat No.				WE'S	Overall Size	Size	Sea	Stem Size Morphologi	Morphological Attributes			
1.1.1 None None None 1.1. 3.1 4.4 5.1 6.1 4.4 6.1	23PO370	1-65	Flide-wet	None	None	17.4	5.0	1		10	Озпаред	None	Unnotched	Unstrumed
11 12 166 wrt None None 31 4 4 1 10 10 10 10 10	2370371	1-1	Nobe	None	None		3.0				Damaged	Square	Double side	Parallel
1.1 None N	23PO371	1.2	Hide-wet	None None	None	38.4	5.5				Excurvate	None See	Unnowhed	Unstended
1.1.1 None None None 1.3 4.1 3.0 6.1 1.3 Refinite Asymmetrical Sophare On or	23PO371	1.3	None	None	None	5.5	0.0				[)amaged	None	Unnotched	Unstemped
1 1.3 None None None None None None None None 14.3 None None None None 14.2 None None<	23PO372	1-1	None	None	None	7.3	4.1				Asymmetrical	Stoping	Corner removed	Contracting
14 None None None None 142 42 43 69 00 00 Missing Missing None Unanched 14 None None None None None 240 0.0 0.0 0.0 0.0 Missing None Unanched Unanched 15 None None None None 173 0.0 0.0 0.0 0.0 Missing None Unanched Unanched 16 None None None None 174 0.0 0.0 0.0 0.0 Missing None Unanched Unanched 16 None None None Inpact fracture 43 40 41 41 41 41 41 41 41	23PO372	1.2	Note:	None	None	8.3	4.5				Asymmetrical	Square	Corner removed	Contracting
1 14 None None None 24 0 0.0 0.0 0.0 Mode Missing Danaged None Unnochhod 1 11 None None None None None 20 0 0.0 0.0 0.0 Missing None Unnochhod 1 12 None None None None None 1.4 0.0 0.0 0.0 0.0 Missing None Unnochhod 1 12 None None Impact fractur 3.1 1.1 1.1 Missing None Connect removed 1 1.11 None None None Impact fractur 3.1 1.1 Missing Missing Missing Connect removed 1 1.11 None None None None None None None None removed 1 1.2 None	23PO372	1-3	None	Zone	None	14.2	4.2				Missing	None	Unpotched	Unsteamed
3 1.1 None None None 2977 0.0 0.0 0.0 Missing Date of Limosched Unposched 3 1.2 None None None 71.9 0.0 0 0.0 0.0 0.0<	23PO372	7	None	None	None	240	0.0				Damaged	None	Uanotched	Unstranmed
1.1 None None None 119 0.0 0.0 0.0 Missing Missing None Unouched 1.4 0.0 0.0 0.0 Missing Missing None	23PO373	1:1	None	Zobe Sobe	None	7.792	0.0				Danaged	None	Unpotched	Unstrumed
1.6 None None None None 144 0.0 0.0 0.0 0.0 Missing Name Unprochaded None None None None None None None Impact fracture 3.1 3.1 1.2 0.0 Missing Namaged Suprise Comer removed None	23PO373	1.7	None	None	None	6.17	0.0				Missing	None	Unnotched	Unsteamed
1.10 None Impact fracture 1.1 1.1 None Suppare Suppare Concert removed 1.1.1 None None Impact fracture 6.1 1.1 1.0 Missing Missing Concert removed 1.1.1 None	23PO373	9-1	None	Zoge Zoge	None	14.4	0.0				Damaed	None	Unpotched	Unstemmed
1-10 None None None Impact fracture 3.1 1.1 1.1 1.1 1.1 Note None Impact fracture 3.1 1.1 1.1 1.1 Note None Impact fracture 3.1 1.1 1.1 1.1 Note None Impact fracture 3.1 1.1 1.1 1.1 Note None None Impact fracture 3.1 1.1 1.1 Note None	23PO373	6-1	Zore Sore	Xobe	None	6 5	6.0			2.1	Excurvate	Square	Corner removed	Expanding
1.11 None Mone Impact facture 6.5 3.0 2.7 3.8 1.1 0.0 Missing Missing Missing Connect removed 1.12 None None None 1.2 1.7 1.7 1.5 1.5 1.7 1.5 Missing Missing Connect removed 1.12 None None None Impact facture 1.3 1.5 0.1 1.5 Missing Nissing Orner removed 1.15 None	23PO373	1-10	Zone	Nose	Impact fracture	3.5	3.1		_		Damaged	Sloping	Corner removed	Expanding
1.12 None None None 1.0 1.1 1.1 Missing Missing Missing Consert removed 3 1.13 None None None 1.0 1.3 1.6 0.4 1.3 1.6 Missing Missing Missing Conner removed 3 1.14 None None None None 1.0 1.3 1.6 0.1 1.3 Missing Missing Conner removed 1.15 None None None None None 1.1 1.6 1.7 1.1 Missing Missing Conner removed 1.17 None None None None None 1.2 1.7 1.6 1.7 1.7 Missing Conner removed 1.18 None 1.1 1.1 Missi	23PO373	1-11	None	Zone Zone	Impact fracture	6.5	3.0				Damaged	Rarbod	Corner removed	Expanding
1-13 None	23PO373	1-12	None	None	None	1.8	1.7				Missing	Missing	Corner removed	Expunding
1-14 None None Impact fracture 1.4 1.8 1.3 0.6 0.0 1.3 Missing Missing Missing Missing Corner removed 1.4 1.8 1.4 1.8 1.4 1.8 1.4 Missing Missing Missing Corner removed 1.4 1.8 1.4 1.8 1.4 Missing Dimmach Sloping Corner removed 1.4 1.8 1.4 Missing Dimmach Sloping Corner removed 1.4 Missing Dimmach Sloping Corner removed 1.4 Missing Dimmach Missing	2380373	[.[3	7 28	None	None	1.0	1.3			-	Missing	Mirsing	Corner removed	Expanding
1-15 None None None None 1-15 None None 1-15 None None None 1-15 None	23PO373	1.14	None	None		1.4	1.8			1.3	Missing	Missing	Corner removed	Expanding
1-16 None None None Impactracture 37 3.1 1.6 0.7 1.0 1.4 Missing Daruaged Stoping Corner removed 1-17 None None None None 3.8 2.0 1.1 1.6 2.7 Missing Daruaged Burbed Basal Basal Burbed Busal Corner removed 1-18 None	23PO373	1-15	None	None	None	6.2	3.9				Damaged [Sloping	Corner removed	Expanding
1-17 None None None None None 22.3 3.8 5.0 1.1 1.6 2.7 Missing Daruayed Barbed Basal 1-18 None None None None 3.2 2.9 0.6 1.2 2.0 Missing Missing Barbed Basal Basal 1-19 None None None None None 10.3 3.5 3.0 0.6 1.0 2.0 Missing Daruayed Barbed Corner removed 1-20 None None None None None 10.3 3.5 3.0 0.6 1.0 2.0 Missing Daruayed Square Corner removed 1-21 None	23PO373	1-16	None	None		3.7	3.1			-	Damaged	Sloping	Comer removed	Expanding
1-18 None None None None 3.8 2.5 2.9 0.6 1.2 2.0 Missing Missing Butbed Butbed Corner removed 1-19 None No	23PO373	1.17	None	None	None	22.3	89. 80.				Unmaged	Barbod	Besal	Parallel
3 1-19 None No	23PO373	1.18	None	Zoge Soge	None	3.8	2.5				Missing	Barbed	Basal	Parallel
1-20 None None 7.3 3.5 3.0 0.6 1.0 2.2 Missing Damaged Retbed Conner 1-21 None None None 10.3 5.9 2.3 0.7 1.7 1.5 Missing Square Corner removed 1-22 None None None None 9.4 4.8 3.3 0.6 1.0 1.6 Pointed Straight Barber Corner removed 1-23 Hide-wet None Perforating 1.4 4.8 3.3 0.6 0.0 1.8 Missing None Unnoiched 1-24 None Perforating 1.4 2.5 0.4 0.0 0.0 Missing None Unnoiched 1-25 None None 1.2 1.8 1.4 2.5 0.8 0.0 0.0 Missing None Unnoiched 1-25 None None Inmoduled 1.3 3.4 0.3 0.0 Missing None Unnoiched	23PO373	1-19	None	Note	None	3.2	3.2				Straight	Square	Corner removed	Expunding
1-21 None Impact facture 10.3 5.9 2.3 0.7 1.7 1.5 Missing Damaged Square Conner removed 1-22 None None None 3.6 3.3 2.1 0.6 1.0 1.6 Poined Straight Barber: Comer 1-23 Hide-wet None Perforating 1.4 2.5 0.4 0.0 0.0 Missing Excurate Sloping Uanosched 1-24 None Perforating 1.3 3.1 0.6 0.0 1.6 Missing Missing None Uanosched 1-24 None None 1.3 3.1 0.6 0.0 1.6 Missing None Uanosched 1-25 None None None 11.7 3.9 3.2 0.8 1.2 0.0 Missing Damaged Saiben 1-28 None None None 11.7 3.9 3.2 0.9 3.4 Missing Damaged Barbed Comer	23PO373	1.20	Nose	Note	None	7.3	3.5				[]amaged	Rerbed	Corner	Expunding
1.22 None None None None 3.3 2.1 0.6 1.	23PO373	1-21	None	None.	Impact fracture	10.3	5.9				[Jamaged	Square	Corner removed	Courseding
1-23 Höde-wet None None 9,4 4,8 3.3 0.6 0.0 1.8 Missing Excurvate Sloping Unnotched 1-24 None Perforating 1.8 1.4 2.5 0.4 0.0 0.0 Missing Mose Unnotched 1-24 None None Perforating 1.3 3.1 0.8 0.3 0.0 0.0 Pointed Excurvate None Unnotched 1-25 None None None 1.1 3.9 2.1 0.7 0.5 2.1 Missing Namaged Corner removed 1.1 1-28 None None None 11.7 3.9 5.2 0.8 1.2 Missing Damaged Barbed Corner removed 1-29 None None None 1.3 3.5 3.7 0.0 3.1 Missing Damaged Sloping Side 1-30 None None None None None None None Unnotched </th <td>23PO373</td> <th>1-22</th> <th>None</th> <th>Nobe</th> <th>None</th> <td>3.6</td> <td>3.3</td> <td></td> <td></td> <td></td> <td>Straight</td> <th>Barber?</th> <td>Comer</td> <td>Expanding</td>	23PO373	1-22	None	Nobe	None	3.6	3.3				Straight	Barber?	Comer	Expanding
1-24 None None Perforating 1.8 1.4 2.5 0.4 0.0 0.0 Missing Mose Unnotched	23PC373	1.23	Hide-wet	Nog.	None	4.0	4.8				Excurvate	Slop.ng	Unnotched	Contracting
1-25 None Perforating 1.3 3.1 0.8 0.3 0.0 0.0 Pointed Excurvate None Unnokhed 1-26 None None None None 1.7 3.9 5.2 0.8 1.2 0.0 Missing Missing Corner removed 1 1-27 None None None 11.7 3.9 5.2 0.8 1.2 0.0 Missing Damaged Corner removed 1 1-29 None None None 11.3 3.5 3.5 0.7 0.0 3.6 Missing Damaged Sloping Side 1-30 None None None None Unnockhed	23PO373	1-2	Nobe	None	Perforating	enci enci	4.1				Missing	None	Unnotched	Unsternmed
1-26 None None None None None None None 11.7 3.9 5.2 0.8 1.2 0.0 Missing Missing Missing Corner removed 1-27 None None None 11.7 3.9 5.2 0.8 1.2 0.0 Missing Damaged Barbed Corner 1-29 None None None 1.3 3.5 3.6 0.0 0.0 3.1 Missing Damaged Sloping Side 1-30 None None None None 1.3 2.2 0.4 0.0 0.0 Missing Damaged Sloping Side 1-30 None None None 1.3 2.2 0.4 0.0 0.0 Missing Excurvate None Unnoched 1-31 None None None None Unnoched Unno	23PO373	1.25	None	None	Perforating	1.3	3.1	_			Excurvate	None	Unnotched	Unsternmed
1-27 None None Hone Hone <th< th=""><td>23PO373</td><th>1-26</th><th>None</th><th>None Some</th><th>None</th><td>2.2</td><td>8.1</td><td>_</td><td></td><td></td><td>Missing</td><th>Missing</th><td>Corner removed</td><td>Expending</td></th<>	23PO373	1-26	None	None Some	None	2.2	8.1	_			Missing	Missing	Corner removed	Expending
1-28 None Impact fracture 13.3 3.5 3.5 0.7 0.0 3.6 Missing Damaged Barbed Comer 1-29 None None None None 3.6 4.0 2.9 0.6 0.9 2.2 Missing Damaged Sloping Side 1 1-30 None None None Unnotched Unnotched 1 1.1 0.0 0.0 Pointed Excurvate None Unnotched 1 1-32 None None None Unnotched Unnotched 1 1 0.0 0.0 Missing Excurvate None Unnotched 1	23PO373	1.27	None	None	None	11.7	3.9				Damaged	Barbed	Сощет	Expanding
1-29 None None None 6.5 4.0 2.9 0.6 0.9 2.2 Missing Damaged Sloping Side 1.30 None None 3.6 3.3 2.2 0.4 0.0 0.0 Missing Damaged None Unnotched 1.31 None None 37.2 7.8 4.2 1.1 0.0 0.0 Pointed Excurvate None Unnotched 1.32 None None Unnotched 1.32 None Unnotched 1.33 None Unnotched 1.34 None Unnotched 1.35 None None Unnotched 1.35 None None Unnotched 1.35 None None None None None None None None	23PO373	1.28	None	None	15	11.3	3.5			3	Damaged.	Barbed	Сошет	Expanding
1-30 None None None 3.6 3.3 2.2 0.4 0.0 0.0 Missing Damaged None Unnotched 1.31 None None Unnotched 1.32 None None Unnotched 1.32 None None Unnotched 1.32 None None Unnotched 1.33 None Unnotched 1.34 None Unnotched 1.35 None None Unnotched 1.35 None None None None None None None Unnotched 1.35 None None None None None None None None	23PO373	1.29	None	None	None	6.5	4.0			2.2	Damaged	Sloping	Side	Expanding
1-31 None None None 37.2 7.8 4.2 1.1 0.0 0.0 Pointed Excurvate None Unnoiched 1-32 None Unnoiched 1-32 None None Unnoiched 1-32 None None Unnoiched 1-33 None Unnoiched 1-33 None Unnoiched 1-33 None Unnoiched 1-33 None Unnoiched 1-34 None Unnoiched 1-35 None Unnoiche	23PO373	1 .	None	None	None	3.6	3.3	_			Damaged	None	Unnotched	Unstemmed
1.32 None Note None 13.3 5.7 3.3 0.7 0.0 0.0 Missing Excurvate None Unnotched	23PO373	1.31	None	None	None	37.2	7.8				Excurvate	None	Unnotched	{ fastemmed
	23PO373	1.32	None	None	None	13.3	5.7				Excurvate	None	Unnoiched	1 Instemmed

APPENDIX B

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Site No.	C. 1.00				(g)	CVETALI SIZE	377	0	Scionation and make	morphodogram Authorities			
23PC373	1.33	Zone.	None	None	9.8	2.4	0.1	0.3	0.0 0.0 Rounded	Licurvate	None	Unnotched	Unsternmed
23FO373	X -	X o Re	None	None	18.2	4.0	3.6	0.1	0.7 2.3 Missing	[Jamaged	Barbed	Corner	Parallel
23PO373	1.35	None	Non	None	10.1	3.4	3.8	8.0	1.3 2.4 Missing	Missing	Sloping	Corner removed	Parallel
23PO373	7	None	None	None	8.5	5.1	3.2	0.5	0.0 0.0 Rounded	Fxc.rvate	Nobe	Unpotched	('nstemmed
2310373	1-37	Hide-wet	None	Nobe	16.3	4 €	3.7	0.7	0.0 0.0 Rounded	Excurvate	None	Unnotched	Unsternmed
23PO373	8 (:)	Zone	None	None	5.8	0.0	0.0	0.0	0.0 0.0 Missing	Missing	Sloping	Corner removed	Expanding
23PO373	1.39	None	None	None	11.8	3.4	3.5	ج ن د	1.8 2.7 Missing	[Jamaged	Sloping	Side	Expanding
23PO373	1-40	None	None	None	9.2	3.4	3.2	0.7	1.3 3.2 Missing	[Sansked	None	Side	Expanding
23FO373	1-41	None	None	None	14.6	22.8	4.4	1.1	0.0 0.0 Missing	Missing	None	Unnotched	Unstemmed
2370373	1.42	X one	No Be	None	5.4	2.8	2.3	0.5	0.0 0.0 Missing	Missing	None	Unnotched	Unsternmed
23PO373	1.43	None	None	None	20.7	8.8	4.2	6.0	0.0 0.0 Missing	Asymmetrical	None	Unnotched	Unstemmed
23PO373	4-1	None	None	None	17.6	4.4	3.7	1.0	1.8 2.8 Missing	Missing	Sloping	Side	Expanding
23PO373	1.45	None	None	Battering	8.4	4.1	2.5	6.3	1.6 2.4 Missing	[]smaged	Sloping	Side	Expanding
2370373	1.46	Hide-wet	None	None	79.4	5.2	4.3	1.1	0.0 0.0 Missing	Excurvate	None	Unnotched	Unsteamond
23PO373	1.47	None	None	None	8 6.5	5.0	2.3	0.7	0.0 0.0 Pointed	Excurvate	None	Unnotched	Unsemmed
23FO373	1.43	None	Zobe Sobe	None	86.5	7.9	0.9	2.5	0.0 0.0 Missing	Damaged	None	Unnotched	Unsternmed
23PO373	1.49	None	None	None	55.6	7.1	8.0	9:	0.0 0.0 Rounded	Excurvate	None	Unaotched	Unsternmed
23PO373	1.50	X ₀	None Some	None	1.3	2.3	T :	0.4	0.0 0.0 Rounded	Excurrate	Nobe	Unnotched	Unsternmed
23PC373	1-51	None	None	None	2.0	1.2	2.5	0.5	0.7 2.3 Missing	Missing	Sloping	Contes	Expanding
23PO373	1.52	None	None	None	5.5	2.7	60	1:	0.7 0.0 Missing	Missing	Barbos	Basal	Parallel
23PO373	1.53	None	None	None	9:0	7.1	1.1	0.3	0.6 0.8 Mischig	[]smaged	Barbed	Corner	Expending
23PO373	1.54	None	None	None	90	6.1	1.1	0.4	0.5 0.7 Missing	focurvate	Barbod	Corner removed	Expanding
23PO373	1.35	No Be	None	Impact fractine	1.2	2.4	1.2	0.4	0.6 1.0 Missing	Damaged	Square	Corner	Expanding
23PO373	1.56	None	None	None	0.1	2.1	1.3	0.4	0.6 0.9 Missing	Incurvate	Barbed	Corner	Expanding
23FO373	1.57	None	None	None	9.0	2.0	=	0.3	0.6 1.0 Missing	facurvate	Square	Side	Expanding
2370373	1.58	None	None	None	0.7	4.	Ξ	0.3	0.6 0.7 Missing	Damaged	Barbed	Corner	Expanding
23PO373	1-59	None	None	impact fracture	9.0	1.7	1.2	0.3	0.5 0.6 Missing	Damaged	Rarbed	Corner	Expanding
23PO373	1.68	X de	None	None	0.5	1.6	1.0	0.3	0.6 0.8 Missing	Damaged	Barbed	Comer	Expanding
23FO373	19:1	None	None	None	0.5	9.1	8.0	0.3	0.6 0.8 Missing	Dannard	Damaged	Corner removed	Expanding
23PO373	1-62	Xone.	None	None	0.3	1.5	6.0	0.2	0.5 0.7 Pointed	Incurvate	Square	Side	Expanding
23FO373	1-63	None	None	None	6.8	2.5	1.0	0.4	0.8 0.8 Missing	[]amaged	Sloping	Side	Expanding
23FO373	<u> </u>	Zone	None	None	1.1	3.0	1.1	9.4	0.7 0.0 Pointed	Asymmetrical	Square	Side	Expanding
23PO373	1.65	None	None	Impact fracture	0.4	7	0.1	0 . 4	0.7 0.0 Missing	Missing	Missing	Side	Expanding
23FO373	99:	None	None	None	2.4	0.0	0.0	0.0	0.0 0.0 Missing	Damaged	None	Unnotched	Missing
171171	1.67	N.	Z. Z.	None	0,0	1 4	0	+	Colombia Colombia	المهرسطا	Night	4	

APPENDIX B

Site No.	Cat. No	3.			We(g)	Overall Size	Size	S	Stem Size Morphologic	Morphological Attributes			
23PO373	1.68	None	None	None	2.8	3.5	7	90	0.0 0.0 Rounded	Excurvate	None	Unpotched	Unstemmed
23PO373	1.69	None	None	None	4.0	3.5	6 .1	0.1	0.0 0.0 Rounded	Excurvate	None	Unnotched	Unsternmed
23PO374	1:1	None	None	None	146.0	11.4	5.3	2.5	0.0 0.0 Rounded	Asymmetrical	None	Unpotched	Unsteamed
23PO374	1-2	None	2 02	None	151.9	10.2	5.2	2.3	0.0 0.0 Rounded	Asymmetrical	None	Unnotched	Unsternmed
2310374	1-3	Nobe	None	None	190.2	10.6	9.9	3.0	0.0 0.0 Rounded	Excurvate	None	Unporthed	Unsteamed
23PO374	7	Wood	None	None	25.9	5.3	4.4	0.1	0.0 0.0 Missing	Damaged	None	Unpotched	Unsternaned
23PO374	1.5	None	None	None	51.2	7.2	3.7	1.8	0.0 0.0 Rounded	Asymmetrical	None	Unnotched	Unstramed
23PO374	9	None	Nose	Zore	27.3	0.0	0.0	0.0	0.0 0.0 Missing	Damaged	None	Unpotched	Unstrained
23PO374	-	None	None	None	9:0	4.3	3.2	970	1.0 2.6 Pointed	Recurred	Square	Corner removed	Parallel
23PO374	6.1	Nobe	Nobe	None	8.2	3.2	3.3	9.0	1.6 0.0 Missing	Damaged	Barbed	Corner	Expanding
23PO374	1.10	Hide-wet	None	None	38.3	9 .0	4.4	1.1	0.0 0.0 Rounded	Excurvate	None	Unpotched	Unsternmed
23PO374	1.11	Hide-wet	Nobe	None	36.1	3 .0	5.0	1.4	0.0 0.0 Missing	Excurvate	None	Unnotched	Unsternmed
23FO374	1-12	X ₀ 3e	Nose	None	33.4	8.8	4.4	1.3	0.0 0.0 Missing	Damaged	None	Unnotched	Unsternmod
23PO374	1-13	None	None	None	28.1	7.9	3.5	9.0	0.0 0.0 N/A	٧/٧	Y X	N/A	N/A
23PO374	1-14	None	Kone	Kore	11.4	5.6	2.8	6:0	1.8 2.8 Pointed	Straight	Stoping	Side	Expanding
23PO374	1.15	None	None	Note	10.1	3.5	3.5	0.7	1.6 3.4 Missing	Damaged	Stoplag	Side	Expanding
23PO374	1-16	None	Xone Volume	Kore	8.2	2.8	3.5	0.7	0.9 2.5 Missing	Damaged	Barbed	Comer	Expanding
23PO374	1.17	None	Koe	None	7.8	4.2	2.8	9.0	1.1 2.1 Missing	Straight	Barted	Corner removed	Expanding
23PO375	1.2	None	Z 20 20	None	12.5	6.7	3.3	0.5		Asymmetrical	Stoping	Corner removed	Contracting
23PO375	1.3	None	None	None	8:01	4.6	5.9	0.8	0.0 2.0 Missing	Damaged	Square	Corner removed	Contracting
23PO375	7	None	None	None	7.5	3.5	2.8	0.7	2.0 2.4 Missing	[)amaged	Square	Corner removed	Contracting
23PO375	1.5	Hilde-day	Zobe	None	19.4	5.5	3.6	0.1	1.9 2.9 Rounded	Excurvate	Sloping	Side	Expanding
23PO375	9	Nose	None	Impact fracture	6.3	5.6	3.0	0.7	1.1 2.3 Missing	Missing	Damaged	Сощег	Expanding
23PO375	1.7	None	None	None	8.0	2.3	3.7	8.0	1.0 0.0 Missing	Missing	Square	Comer	Expanding
23PO375	1.8	Hide-wet	None	None	32.6	4.9	5.2	1:1	0.0 0.0 Rounded	Excurvate	None	Unsolched	Unstemmed
23PO375	1.9	None	None	None	17.4	9.0	3.8	0.7	0.0 0.0 Missing	Damaged	Barbod	Basal	Missing
23PO375	1-10	None	Zoge Soge	None	29.1	0.0	0.0	0.0	0.0 0.0 Missing	Damaged	None	Unnotched	Unstemmed
23PO375	1.11	None	None	None	43.5	0.0	0.0	0.0	0.0 0.0 Missing	Damaged	None	Unnotched	Unstemmed
23PO375	1-12	Füde-wet	Kone	None	17.1	8.9	ć)	0.7	0.0 0.0 N/A	V/V	N/A	N/A	N/A
23PO375	1-13	Wood	None	None	35.0	6.5	S .0	4 .1	0.0 0.0 Missing	Damaged	None	Unnotched	Unstemmed
23PO375	1.15	20 Z	None	Impact fracture	0.0	2.0	1.0	9.4	0.6 0.8 Missing	Damaged	Square	Corner removed	Expanding
23PO376	1-1	None	None	None	6.5	3.4	7.4	9.0	1.4 2.3 Missing	[]smager	Stoping	Side	Expanding
23PO376	1-2	No Be	None	None	8.9	3.0	3.2	9.0	1.8 2.2 Missing	Damaged	Missing	Corner removed	Contracting
23PO376	1.3	No Be	None	None	0.9	3.3	5.9	9:0	1.2 0.0 Missing	[]amaged	Barbed	Comer	Expanding
23PO376	4	None	None	None	2.0	1.5	3.1	0.5	0.8 0.0 Missing	Missing	Barbed	Сотег	Expanding

APPENDIX B

Sie No	Cat. No.				Wile)	Overall Size	Silve	Sen	Stem Size Morphological Attributes	al Attributes			
23PO376	2	None	None	None	20.8	0.0	ł	0.0	0.0 0.0 Misslag	Damaged	None	Unnotched	Unsternmed
23FO376	1.6	None	None	None	30.6	0.0	0.0	0.0	0.0 0.0 Missing	[]amaged	None	Unnotched	Unsternmed
23PO376	1-7	Notice	None	None	46.0	0.0	0.0	0.0	0.0 0.0 Missing	()amaged	None	Unnotched	Unstemmed
23PO377	<u>-</u> :	None	None	None	\$50.9	0.0	0 00	0.0	0.0 0.0 Missing	Damaged	None	Unsorthed	Unstenaned
23PO377	1.2	None	None	i-fone	174.7	0.0	0.0	0.0	0.0 0.0 Missing	Damaged	None	Unnotched	Unstemmed
23PO377	1.3	No Be	None	None	10.2	0.0	0.0	0.0	0.0 0.0 Missing	Damaged	Koze	Unnotched	Unstemmed
23PO377	7	None	None	None	4.4	0.0	0.0	0.0	0.0 0.0 Missing	Méssing	Burbed	Conser	Missing
23PO377	9-1	None	None	Non	68.3	7.8	5.3	1.7	0.0 0.0 Excurvate	Straight	Non	Unnoitched	Unstemmed
23PO377	1-7	No Se	Zon	None	8.66	110.2	5.4 2	2.0 0	0.0 0.0 Ronnded	Excurate	Kobe	Unnotribed	Unstemmed
23FO377	\$	None	None	None	187.0	6.11	7.3 2	2.0 0	0.0 0.0 Rounded	Excurvate	Zone Zone	Unpotched	Unstemmed
23PO377	6.1	None	Z-086	None	133.1	9.6	5.0 2	2.4 0	0.0 0.0 Rounded	Excurvate	None	Unnotched	Unstemmed
23PO377	01-1	Z 08	None	None	137.0	8.1	2	2.0 0	0.0 0.0 Rounded	Excurvate	None	Unnotched	Unstemmed
2380377	11-11	None	None	Non	104.2	8.7	5.4 2	2.2 0	0.0 0.0 Rounded	Asymmetrical	None	Unnotched	Unstemmed
2380377	1-12	Noge	None	Nose	92.9	9.3	5.5	1.9.1	1.2 2.7 Missing	Damaged	Barbed	Rasal	Parallel
2280377	1.13	None	None	None	25.2	5.0	4.4	1 0.1	1.3 2.3 Missinr	Damaged [Barbed	Basal	Parallel
23PO377	J-14	None	None	None	16.8	2.8	4.9	1.0 0	0.0 0.0 Missing	[]smaged	Barbed	Becal	Missing
23PO377	1.15	None	None	Perforating	18.8	6.7	3.3 0	1 6:0	1.3 2.2 Pointed	incurvate	Square	Besal	Patallel
23PO377	1.16	None	Zobe	None	6.1	4.3	2.5 6	66 1	1.0 1.7 Poluted	Straight	Square	Corner removed	Paralle
23PO377	1.17	None	None	Impact fracture	7.0	4.0	2.4 0	0.7	1.1 1.5 Mining	Damaged	Square	Corner removed	Expanding
23PO377	1.18	None	None	Nobe	10.1	1.9	2.5 0	0.6 0	0.0 0.0 Pointed	Stratgl.t	Square	Corner removed	Missing
23PO377	61-1	Hide-wet	None	None	2.0	2.3	2.3 0	0.4	0.9 1.2 Rounded	Excurvate	Barbed	Corner	Expanding
23PO377	1-20	None	None	None	11.2	8.	3.3 0	0.7 2	2.0 2.8 Missing	Excurvate	None	Corper removed	Contracting
23PO377	17-1	None	None	None	5.9	4.6	2.9 0	0.7 2	2.1 2.0 Pcfn13d	locuryate.	Missing	Corner removed	Contracting
23PO377	1.22	None	None	None	7.5	3.5	3.2 0	0.6	1.6 2.1 Missing	Damaged	Sloping	Corner removed	Contracting
23PO377	1.33	None	None	Impact facture	13.0	5.7	2.7 0	0.8	1.5 2.2 Missing	Damaged	Sloping	Corner removed	Contracting
23PO377	1-2	None	None	None	8.2	5.7	2.2 0	0.7	1.5 1.9 Pointed	Excurvate	Sloping	Corner removed	Contracting
23PO377	1.23	None	None	Kose	6.9	5.9	3.3 0	0.8	1.4 2.1 Missing	Dagama()	Sloping	Corner removed	Contracting
2380377	1.35	Hide-wet	No BS	Nose	10.7	3.8	3.1 0	0.8	1.7 3.2 Missing	[]amaged	Sloping	Side	Expanding
23PO377	1.27	None One	None	Nobe	4.2	2.3	2.3 0	0.6	I.3 2.3 Missing	Missing	Sloping	Side	Expanding
23PO377	1.28	None	None	None	6.7	3.0	2.5 0	0.8 0	3.0 0.0 Missing	Missing	None	Side	Expanding
23PO377	1.29	None	None	None	2.4	2.5	1.8	0.5	1.0 1.6 Missing	Damaged	Sloping	Comer removed	Expanding
23PO377	1.30	None	None	, 2 E	1.3	1.4	0 6.1	0.4 0	9.7 1.0 Missing	Missing	Square	Corner removed	Expanding
23PO377	1-31	None	None	None	13.0	3.1	4.2 1	1.0 1	1.2 2.4 Missing	Missing	Square	Corner removed	Expanding
23PO377	1.32	None	None	None	7.8	4.2	2.8 C	0.6	1.0 2.6 Pointed	Asymmetrical	Barbed	Comer	Expanding
23PO377	1.33	None	None	Impact facture	8.7	3.6	2.2 6	0.8	1.0 2.2 Missing	Messing	Missing	Comer	Expanding

APPENDIX B
Stone tools collected by Howard Wimmer

Site No.	Cat No.	3.			WKE)	Overall Size	Size	Š	Sem Size Morphologic	Morphological Attributes			
23PO377	7.	Z.Bc	None	None	9.4	3.0	3.2	6.0	1.6 3.0 Missing	Missing	Missing	Comer	Expanding
23PO377	1.35	None	None	None	8.0	3.3	5.9	0.7	1.5 2.9 Missing	Damaged	Damaged	Cornect	Expanding
23PO377	1.38	None	None	None	5.2	2.5	3.0	9.0	1.0 0.0 Missing	Dagama(]	Barbed	Сопист	Expanding
23PO377	1.37	None	None	None	15.5	3.9	3.4	1.0	1.4 1.9 Missing	Missing	Damaged	Corner removed	Parallel
23FO377	1.38	None	None	None	5.6	3.5	2.4	0:7	0.7 1.2 Pointed	Excurvate	Barbed	Base	Parallel
23PO377	1.39	None	None	Impact fracture	9.1	4.6	5.6	0.7	0.9 0.0 Missing	()amaged	Sloping	Side	Expanding
23P0377	1.40	None	None	None	1.3	5.6	1.2	50	0.7 0.9 Pointed	Straight	Square	Corner	Expanding
23PO377	14-1	None	None	None	6.0	2.0	1.2	4.0	0.6 0.7 Pointed	Straight	Sarbed	Comer	Expanding
2380377	1.42	None	None	None	0.7	2.1	0.1	9.4	0.6 0.8 Pointed	Excurvate	Square	Side	Expanding
23P's.	1.43	None	200Z	None	1.1	2.7	1.3	63	0.0 0.0 Missing	Lanceolate	None	Unpotched	Unstrained
23PO377	1.4	2 002	None	None	0.3	1.3	6.0	0.3	0.0 0.0 Missing	Damaged	None	Unnotched	Missing
2350377	1.47	Zone Z	None	None	17.1	5.3	5.9	1.2	0.0 0.0 Rounded	Excurate	None	Usponied	Unsternmod
23PO377	1.48	None	None	None	40.8	7.5	5.2	6.0	0.0 0.0 Rounded	Excurvate	Note	Unpotched	Certines
23PO377	1.49	Noge	None	None	35.9	8.0	4.4	6.0	0.0 0.0 Pointed	Lanceolnic	None	Unmorched	Unstrauned
2360377	1.50	None	None	None	46.3	0.0	0.0	0.0	0.0 0.0 Missing	fissing	None	Unnorthed	Unstemmed
23PO377	1.51	10de-dry	None	None	13.7	4.3	2.2	1.2	0.0 0.0 Rounded	Excurvate	None	Unsolched	Unstransod
2350377	1.52	Hide-wet	80 X	None	8 0.	3.0	2.4	8 .0	0.0 0.0 Rounded	Asymmetrical	None	Unnotabed	Unsternmed
2350377	1.53	202	Nose	Abrading	61.5	7.0	4.3	1.1	0.0 0.0 Rounded	Excurate	None	Unnorched	Unstemmed
23PO577	1.54	Hide-wet	Note	Nore	40.7	6.3	2.2	1.1	0.0 0.0 Rounded	Excurvate	Xone Sone	Unnotched	Unstemmed
23PO378	1:1	None	None	None	9116	0.0	0.0	0.0	0.0 0.0 Missing	Damaged	None	Unpotched	Unstemmed
23PO378	1.2	None	None	None	5.3	2.5	3.3	5.0	1.0 2.1 Missing	Missing	Missing	Corner	Expanding
23PO378	E.	None	None	None	2.9	2.2	2.1	0.4	0.0 0.0 Missing	Missing	None	Unpostbed	Unstanmed
23PO378	7	Nore	None	None	4.6	2.3	2.1	8.0	1.5 2.1 Missing	Missing	Missing	Corner	Expanding
23PO378	1.5	Xop.	Nose	None	4.2	5.9	2.2	0.5	0.0 0.0 Missing	Damagent	None	Unaotched	Unsternmed
23PO379	1:1	None	None	None	12.0	4.9	3.4	9.0	1.3 3.0 Missing	Damaged	Barber	Corner	Expanding
23PO379	1.2	None	None	None	1.0.1	2.8	4.2	6.0	1.3 2.5 Missing	Damaged	Rarbed	Сощег	Expanding
2370379	2	None	None	None	9.6	2.5	5.9	8.0	1.5 2.8 Missing	Missing	Stoping	Side	Expanding
23PO379	7	None	None	None	3.0	2.1	1.9	9.0	0.0 0.0 Missing	Missing	None	Unnotched	Expanding
2350379	1.5	None	None	None	25.1	0.0	0.0	0.0	0.0 0.0 Missing	[]amaged	None	Unnotched	Uaskanned
23PO380	1-1	None	None	None	2.9	1.9	2.1	9.0	0.0 0.0 Missing	Missing	None	Unnotched	Paraftel
23PO380	1:2	None	None	Impact frune	16.0	5.4	3.3	6.0	1.3 2.4 Missing	Excurvate	Barbed	Comer	Expanding
23PO380	1.3	None	None	None	1.5.1	3.1	4.4	1.1	1.3 2.4 Missing	Excurvate	Barbed	Comer	Expanding
23PO380	1.4	None	None	None	5.6	7.7	2.8	0.7	1.2 2.0 Missing	Missing	Missing	Comer	Expanding
2350380	1.5 2.	None	None	None	3.5	2.2	2.4	9.0	0.9 1.4 Missing	Damaged	Square	Comer removed	Expanding
23PO380	91	None	Zone	None	18.4	4.2	4.0	6.0	1.2 0.0 Missing	Daniaged	Barbed	Basal	Parallel

APPENDIX B
Stone tools collected by Howard Winnmer

Site No.	S. 15				WKg)	Overall Size	Size	Ser	Stem Size Morphologic	Morphological Attributes-			
23PO380	1.7	None	None	None	16.8	3.9	4.4	1 50	1.5 2.4 Missing	Damaged 1)amaged	Sloping	Corner removed	Contracting
23PO380	<u>=</u>	None	None	None	18.7	6.	4.0	1.0 1.	.1 2.1 Missing	Damaged	Sloping	Corner removed	Contracting
2380380	6.1	X086	None	None	\$.96 \$	0.0	0.0	0.0	0.0 0.0 Missing	Damaged	None	Unnotiched	Unsternmed
23PO380	1.10	2002	None	None	₩ 1.0	4.6	2.6 0	0.7 1.	1.5 2.5 Rounded	Asymmetrical	None	Side	Expanding
2370380	1.11	Nose	Zone	None	9.3	4.2	2.7 0	0.7 0.	0.0 0.0 Miscing	Dumaged	Missing	Side	Expanding
23PO380	1.12	None	None	Impact fracture	6.9	3.6	2.4 0	0.7 0.	0.9 0.0 Missing	[]amaged	Stoping	Side	Expanding
23PO380	1.13	None	Nose	Impact fracture	0.9	3.4	2.0 0	0.7 0	0.0 2.0 Missing	Missing	Missing	Unnotched	Prattel
23PO380	1-14	260Z	Nooe	None	55.1	7.8	5.1	1.1	0.0 0.0 Rounded	Freuvate	None	Unnotched	Unstrained
23PO380	1.15	None	Nose	None	1.09	7.4	4.2 2	2.1 0.	0.0 0.0 Missing	Excurvate	Z 00 Z	Unnotched	Castained
23PO380	1.16	Nose	None	None	7.97	5.2	3.8	1.2 0.	0.0 0.0 Missing	Excurvate	None	Unnotched	Unsternmed
23PO381	1:1	None	None	None	7.8	5.0	2.5 0	0.6	2.5 Pointed	Asymmetrical	Skoping	Side	Expanding
23PO381	1.2	Kore	None	None	11.9	5.1	2.3 0	1 6.0	.4 2.6 Missing	Damaged	Sloping	Unnotched	Parallet
23PO381	1.3	None	None	None	64.3	0.0	0.0	0.0	0.0 0.0 Pointed	Excurvate	Missing	Missing	Missing
23PO381	7	None None	None	None	616.3	0:0	0.0	0.0	0.0 0.0 N/A	P.A	Y / X	V/Z	X/X
23PO381	1.5	None	None	None	23.7	0.0	0.0	0.0	0.0 0.0 Missing	Excurvate	Missing	Missing	Missing
23PO381	9-1	None	None	None	8.4.8	0.0	0.0	0.0	0.0 0.0 Missing	Missing	KoBe		Parallel
23PO381	1.7	None	None	None	118.4	0.0	0.0	0.0	0.0 0.0 Missing	Excurate	None	Unnotched	Unsternmed
23PO381	• ♀	None	None	None	17.1	8.8	2.3 1	1.5	0.0 0.0 MEssin;	Excurvate	None	Uanotched	Unsternmed
23PC381	6.1	Nobe	None	None	9.01	4.9	2.5 0	0.8 0	0.0 0.0 Rounded	Excurvate	None	Unnotched	Unsternmed
23PO381	1.10	None	None	None	25.0	8.9	3.3	1.2 2.	1.5 2.5 Missing	Excurvate	Sloping	Unnotched	Contracting
23PO381	1.11	Nose	None	None	3.5	4.1	1.6 0	0.6	0.0 0.0 Pointed	Excurvate	None	Unnotched	Unsteamed
23PO381	1-12	None	None	X o 8	3.8	4.0	1.3 0	0.8 0	0.0 0.0 Rounded	Excurvate	None	Unnotched	Unstemmed
23PO381	1.13	None	None	None	83.7	10.7	4.2	3.8	3.0 2.8 Rounded	Asymmetrical	Sloping	Unnotched	Parallel
23PO381	1-14	None	None	None	71.1	0.6	4.9	1.7 0	0.0 0.0 Rounded	Excurvate	None	Unnotched	Unstemmed
23PO381	1-15	Hide-wet	None	None	1.91	5.2	4.1 0	0.5 0	0.0 0.0 N/A	N/A	٧X	N/A	N/A
23PO381	1.16	Hide-wet	None	None	18.4	4.7	2.9	1.0 0	0.0 0.0 Rounded	Tranvale	None	Unnotched	Unstemmed
23PO381	1.17	None	None	None	34.9	9.3	2.8	1.2 0	0.0 0.0 Rounded	Straight	None	Unnotched	Unstemmed
23PO381	1-18	: one	None	None	16.3	5.6	3.2 0	0.8	1.1 2.2 Broad	Asymmetrical	Barbed	Сответ	Expanding
23PO381	1-19	None	None	Z _{OB}	19.7	5.7	3.2	1.0.1	1.4 1.9 Missing	Damaged	Mbsing	Unknown	Parallel
23PO381	1.20	No Be	None	None	6.5	3.6	2.2 0	0.7 0	0.9 2.0 Missing	Strzight	Barbed	Corner	Expanding
2370381	1-21	None	None	Impact facture	10.0	2.8	3.8	1.0.1	1.3 2.7 Missing	Missing	Barbed	Corner	Expanding
23PO381	1.22	None	None	None	7.0	3.1	2.8 0	0.6 0	0.7 1.8 Missing	[Januaged	Barbed	Corner	Expanding
23PO381	1.23	None	None	None	7.9	3.6	3.0 0	0.7	1.3 2.5 Missing	Straight	Square	Side	Expanding
23PO381	1.74	None	None	None	. 1. 9	4.2	2.1 C	0.7	1.6 1.1 Missing	Asymmetrical	Sloping	Corner removed	Contracting
23PO381	1.25	None	Notice	None	5.5	4.1	2.2 0	0.8	0.0 1.2 Missing	Incurvate	Sloping	Corner removed	Contracting

APPENDIX B
Stone tools collected by Howard Wimmer

Site No.	Cat No.				We(g)	Overall Size	Size	SE	Siem Size	Morphologic	Morphological Attributes			
23PO381	1-26	None	None	None	6	0.4	3.8	1.2	8.1 9.1	1.8 Missing	Excurvate	Barbed	Bessi	Parallel
23PO381	1.27	None	None	None	3.0	3.1	1.7 0	0.6	1.1	1.6 Pointed	Straight	Sloping	Side	Expanding
23PO381	1-28	None	None	Impact fracture	2.8	5.9	1.7 0	9.0	9.1 1.4	1.4 Pointed	[]amaged	Rarbed	Corner	Expanding
23PO381	1.30	None	None	Impact fracture	2.2	2.5	0 6.1	9.0	1.1 1.4	1.4 Rounded	Excurate	Forizontal	Corner removed	Expanding
23PO381	06:1	None	Zoge Z	None	2.8	2.1	2.0	0.6	0.9 1.3	1.3 Missing	Messing	Burbed	Comer	Expanding
23PO381	1-91	None	None	None	3.1	2.4	2.2	0.5 0	0.9 0.0	0.0 Missing	Destraged	Square	Corner removed	Parallel
23PO381	1.32	None	Note	None	10.1	3.1	3.2	0 0.1	0.8 1.5	Missing	[Samaged	Square	Basal	Parallel
23PO381	1-33	None	None	None	6.8	3.6	2.5 C	1.8	1.5 1.3	Mirsing 1	Excurvate	Square	Corner removed	Parallel
23PO381	¥-1	}-one	None	None	12.3	5.2	3.1 6	0.7.0	0.0 0.0	0.0 Missing	Excurvate	Square	Comer	Missing
23PO381	1-35	None	Zoge Z	None	11.4	3.0	3.5	0 0.1	0.0 0.0	0.0 Missing	Damaged	Barbod	Comer	Missing
23PO381	28	None	None	Perforating	5.3	4.3	3.6	0.6	0.0 0.0	0.0 Missing	Damaged	None	Side	Unstemmed
23PO381	1-37	None	None	Impact fracture	9.0	1.9	1.2 6	ر د	0.0 0.0	0.0 Missing	Straight	None	Side	Unstembed
23PO381	8.1 8.1	None	Noge Noge	None	9.0	61	0.9	0.3 0	0.0 0.0	0.0 Pointed	Straight	None	Side	Uestemmed
23PO381	1-30	None	ZoBe	None	9.0	50 :	7.1	0.3	0.0 0.0	0.0 Pointed	Straight	None	Side	Unsternmed
23PO381	1-40	None	None	None	9.0	2.4	1.1	0.3 0	0.0 0.0	0.0 Pointed	Excurvate	None	Unnotched	U.stemmed
23PO381	17-1	None	None	None	2.0	3.1	7.1	Š	0.6 1.0	1.0 Pointed	Straight	Square	Corner	Expanding
23PO381	1.42	None	Zone Zone	None	9:0	2.2	0.1	3 4.	0.6 0.7	0.7 Pointed	Straight	Rarbed	Corner	Expanding
23PO381	1-43	None	None	None	0.5	2.1	0.9 G	3 6	6.0 9.0	0.9 Pointed	Straight	Square	Comer	Expanding
23PO381	7-1	Hone	None	None	8.0	3.0	0.1	S.	9.0 9.0	0.6 Pointed	Straight	Barbed	Corner removed	Expanding
23PO381	1.6	None	None	None	9.0	1.5	0 0.1	ي د	9.5 0.6	0.6 Missing	Recurred	Barbed	Соплет	Expanding
2370381	<u>.</u>	None	None	Zone	9.0	1.5	1.2 0	9	0.1 9.0	1.0 Missing	Straight	Barbed	Comer	Expanding
2370381	1-47	None	None	None	1.0	1.8	1.5).4 6	9.7 0.9	0.9 Missing	Straight	Burbed	Comer	Expanding
23PO381	1-48	None	None	None	9.0	2.0	1.2 C	9	0.6 0.8	0.8 Pointed	Excurvate	Square	Comer	Expanding
23PO381	1-49	None	None	None	0.7	7.7	1.2 0	3 6	0.6 0.8	0.8 Pointed	Straight	Square	Comer	Expanding
23PO381	0. 1. 8.	X98c	None	None	0.7	2.0	9 67	9 7	0.8 1.0	I.0 Missing	Straight	Square	Соплет	Expanding
23PO381	1-31	Nobe	Note	None	y :	2.0	15 0	2	0.0 5.0	0.0 Missing	Damaged	Barbed	Corner	Expanding
23PO381	1-52	None	None	None	8:0	1.9	7	3	0.0 0.0	0.0 Missing	Straight	Barbed	Corner	Missing
23PO381	1.53	None	None	None	1.0	2.9	1.1	4.0	0.0 0.0	0.0 Pointed		Square	Missing	Missing
2380381	7.	None	None	None	9.0	1.5	0 1.1	ر ا	0.0 0.0	0.0 Pointed	Excurvate	Square	Missing	Missing
23PO382	1-1	None	None	Impact facture	12.1	6,	3.3 0	0.7	1.6 1.9	1.9 Missing	Straight	Square	Corner removed	Contracting
23PO382	1-2	None	None	None	14.2	0.0	0.0	0.0	0.0 0.0	0.0 Pointed	Excurvate	Missing	Missing	Missing
23PO382	1-3	None Pope	None	None	6.8	2.2	3.8	5	0.0 0.0	0.0 Missing	[]smaked	Missing	Missing	Missing
23PO382	7	None	None	None	51.8	5.3	5.3	5.	0.0 0.0	0.0 Missing	Missing	None	Unnoithed '	Unsternmed
23FO382	1-5	Nose	None	None	22.6	4.4	1.1	0 0	0.0 0.0	0.0 Rounded	Excurvate	None	Unnotched	Missing
23PO382	9	Mood	None	None	14.2	ر. ا	1 0.1	0 0.1	0.0 0.0	0.0 Rounded	Excurvate	None	Unnotched	Unstemmed

APPENDIX B

Sie No.	Cet No.				WEE	Overall Size	Size	2	Sem Size Mombol	Mombological Attributes.			
23PO382	1.7	None	None	Impact fracture	16.6	4.7		6.0	1	Excurate	Barbed	Beat	Parallel
23PO382	4 9	None	None	استوم المصابح	4.7	3.4	2.7	9.0	1.1 1.5 Missing	[)amaged	Square	Corner removed	Prantel
23PO382	5-1	None	None	None	10.5	5.0	3.1	8.0	0.6 1.8 Rounded		Damaged	Unknown	Parallel
23PO383	1-1	None	None	None	9063	0.0	0.0	0.0	0.0 0.0 N/A	4/2	N/A	N/A	N/A
23PO383	1-2	None	None	None	63.3	0.0	0.0	0.0	0.0 0.0 Missing	Damaged	X.08c	Missing	Missing
23PO383	1-3	None	None	None	55.4	0.0	0.0	0,5	0.0 0.0 Rounded	_	2002	NA	Missing
23PO383	7	X _o e	None	Chopping	1.271	8.6	7.0	3.6	0.0 0.0 None	Excurvate	None	Unnotched	Unstemmed
23PO383	1.5	Nobe	None	None	31.7	89.	5.0	6.0	0.0 0.0 Missing	Excurate	None	Unnotched	Unsternmed
23PO383	9-1	Filde-wet	o Ž	None	13.3	3.6	3.0	1.0	0.0 9.0 Rounded	Excurvate	None	Unnotched	Unsteamed
23PO383	1-7	None	: done	None	561	£ .4	5.3	83	0.0 0.0 Missing	Missing	None	Unnotched	Unstemmed
23PO383	4 9	None	None	None	21.5	3.3	4.2	0.1	0.0 0.0 Missing	Excurvate	None	Unnotched	Unstemmed
73PO383	1.9	None	X ₀ 8e	Perforating	3.3	3.1	2.0	0.5	0.0 0.0 Missing	Incurved	None	Missing	Missing
23PO383	1-10	None	Zoge Z	Perforating	10.0	4	2.7	6.0	0.0 0.0 Missing	Straight	None	Unnotched	Unsternmed
23PO383	11-11	None	None	Impact fracture	10.2	3.8	3.4	0.7	1.2 2.8 Rounded	Excurvate	Square	Side	Expending
23PO383	1-12	None	None	None	1.6	3.5	3.7	0.7	1.4 0.0 Missing	Dumaged	Burbed	Comer	Lobed
23PO383	1-13	None	None	None	₩.	2.2	2.8	0.8	1.1 1.6 Missing	Missing	Barbed	Corner	Expanding
23PO383	1-14	None	Z _o se	Impact fracture	4 .8	2.7	2.8	0.7	1.0 1.7 Missing	Demaged	Barbed	Corner	Expending
2370383	1-15	None	None	None	4.7	3.5	2.4	50	1.0 1.6 Missing	Excurvate	Barbed	Corner	Expanding
23PO383	91-1	Zoge Zoge	None	Impact fracture	3.7	3.4	2.4	50	0.9 1.5 Missing	palrun	Barbed	Corner	Expanding
23PO383	1.17	None	Kone	Impact fracture	2.2	22.2	1.9	50	0.9 1.4 Missing	Damaged	Barbod	Соптет	Expanding
23PO383	1.18	Zoge Zoge	Zoge Soge	None	2.7	2.8	2.0) 50	0.8 1.4 Missing	Straight	Barbed	Comer	Expanding
23PO383	1.19	None	None	None	1.7	2.2	1.3	50	0.8 1.5 Missing	[Jamaged	Rarbed	Corner	Expanding
23PO383	1.20	None	None	Impact fracture	2.3	2.0	2.3	350	0.8 1.3 Missing	[Jamaged	Burbed	Corner	Expanding
23PO383	1.21	None	None	None	2.2	2.7	2.2) 50	0.8 1.4 Pointed	Straight	Barbed	Corner	Expac Jing
23PO383	1.22	None	None	None	2.4	2.4	2.0	9.4	0.7 1.3 Missing	l'amaged	Missing	Corner	Expanding
23PO383	1.23	None	Nose	Impact fracture	2.3	2.5	1.8	3 50	0.8 1.1 Missing	Damaged	Barbed	Comer	Expanding
23PO383	7.7	None	None	None	2.0	5.6	1.7	0.50	0.8 1.2 Pointed	Excurvate	Earbed	Corner	Expanding
23PO383	1.55	None	Note	None	33.3	2.3	2.3) 50	0.8 1.6 Missing	politime [Barbed	Corner	Expanding
23PO383	1-26	None None	Zone Zone	None	2.2	7.7	2.2). 4	0.8 1.3 Missing	[bamaged	Barbed	Corner	Expanding
23PO383	1-27	None	None	None	2.5	2.7	1.8	20	0.8 1.6 Missing	Asymmetrical	Barbed	Comer	Expanding
23PO383	1.28	None	Zone Zone	Impact fracture	2.2	2.7	1.3	35 (0.8 1.5 Missing	[lamaged	Missing	Conter	Expanding
23PO383	1.29	None	None	None	6:1	2.0	1.6).S. (0.9 1.3 Missing	[Jamaged	Missing		Parallel
23PO383	1:30	None	No se	None	1.6	1.7	2.2).4.	0.7 1.1 Missing	Lamaged	Barbed	Comer	Expanding
23PO383	1-31	None	None	None	2.2	1.4	2.8	9.6	0.0 0.0 Missing	I'vamaged	Barbed	Сощег	Missing
23PO383	1-32	None	Nork	Noise	0.7	2.0	1.3	0.0	0.7 0.0 Pointed	Straight	Barbed	Соптет	Expanding

APPENDIX B
Stone tools collected by Howard Wimmer

Site No.	SE No				W(g)	Overall Size	Size	S	Stem Size Moreholos	Mombological Ambutes			
23PO383	1-33	None	None	None	=	2.7	1	4.0	100	Straight	Barbed	Corner	Expanding
23PO383	1-34	None	None	None	5.9	3.7	2.6	0.7.0	0.0 1.7 Mirsing	Damaged	Sloping	Comer removed	Contracting
23PO383	1.35	None	None	Impact fracture	8.2	3.7	2.7 (8.0	1.7 2.1 Broad	Straight	Missing	Unknown	Parallel
23PO383	1:36	None	None	Impact fracture	2.2	6.1	0 6.1	0.5	1.0 1.9 Missing	Straight	Missing	Unknown	Parallel
23PO383	1-37	Hide-wei	None	None	6.3	2.4	3.1 0	0.7 0	0.0 0.0 Missing	Missing	Missing	Unknown	Excurate
23PO383	1.38	None	None	None	3.0	8.4	3.2 (0.8	0.0 0.0 Missing	Damaged	Damaged	Unknown	Demograd
23PO383	1.39	Stone/pcty	Nose	Abrading	14.8	5.3	2.7	0 0.1	0.0 0.0 Missing	Danaged	Barbed	"seal	Damaged
23PO383	1.40	None N	None	None	12.2	3.1	3.5	1.0.1	1.2 2.2 Missing	[Jamaged	Square	Unnotched	Parallel
23PO383	1.41	Xone Sone	None None	Impact fracture	8.9	3.9	2.4 (0.9	1.1 1.6 Missing	[Jamaged	Barbed	Barsal	Parallel
23PO383	1.42	None	None	None	10.1	3.2	3.2 0	1 6:0	1.2 0.0 Missing	[Nemaged	Square	Corner removed	Parallel
23PO383	1.43	None	Noge	None	15.7	0.0	0.0	0.0	0.0 0.0 Missing	Missing	Missing	Соглет	Demaged
23PO383	1-4	None	Nose	None	3.0	3.1	1.8 0	0.5 0	0.0 0.0 Missing	Struight	Demaged	Corner	Missing
23HO383	1.45	None	None	None	17.8	4 .	3.5	1.0 0.1	0.0 0.0 Rounded	Excurate	Note	Unnotched	Unsternmed
23PO383	1.46	None	None	None	7.9	4.2	2.1	0 0.1	0.0 0.0 Rounded	Fxcurvate	None	Unnotched	Unsternmed
23PO383	1.47	None	None	None	9.61	6.3	3.0	1.1	0.0 0.0 Rounded	Asymmetrical	None	Unpotched	Unstemmed
23PO383	1.48	Hide-wet	Nose	None	16.3	3.7	3.4	1.0 I	1.4 2.6 Rounded	Excurate	None	Unnotched	Parallel
23PO383	1:49	Hide-wet	None	Note	5.6	5.6	3.3 6	0.5	0.0 0.0 N/A	X/A	4 2	N/A	N/A
23P0384	1-1	None	None	None	34.8	8.5	3.4	1.0 0	0.0 0.0 Rounded	Asymmetrical	None	Unsouthed	Unsammed
23PO384	1-2	None	None	None	11.3	3.9	3.3 0	0.8	.3 2.7 Rounded	Asymmetrical	Stoping	Comer	Expanding
23PO384	1-3	None	None	None	5.7	2.8	3.4 6	0.5	.3 2.0 Missing	[]smaged	Barted	Basal	Expanding
23PO384	7	None	None	None	8.4	3.2	3.5 0	0.9	0.0 0.0 Rounded	Excurvate	Mirsing	Unnotched	Mirsing
23PO385	1:1	Hide-wet	None	None	20.7	5.9	4.2 0	1 8.0	.4 3.0 Missing	[Jamaged	Unmaged	Сопрет	Expanding
23PO385	1-2	None	None	Nore	13.9	0.0		_	0.0 0.0 Pointed	Excurvate	None	Unnotched	Unsternmed
23PO385	1-3	None	Kone	None	2.4	1.5	2.7 0	0.7	1.0 2.6 Missing	Missing	Missing	Corner	Expunding
23PO385	7	None	None	None	28.2	0.0	0.0	0.0	0.0 0.0 Minsing	Demaged	None	Unnotched	Unsternmed
23PO385	5-1	None	None	Perforating	7.5	4.3	2.9 0	0.8 0	0.0 0.0 Missing	Straight	None	Unpotched	Unvernmed
23PO385	9-1	None	Xone Contract	None	46.5	4.6	6.1 1	1.5 0	0.0 0.0 Missing	[]smsged	None	Unnotched	Unstemmed
23PO386		Nove	Kose	None	10.9	4.1	3.1 0	0.6	5 3.1 Missing	Excurvate	Rounded	Basal	Expanding
23PO386	1.2	None	None	Impact fracture	16.3	5.1	3.5 0	0.7	.7 2.6 Missing	Damaged	Barbed	Basal	Expec ding
23PO386	1-3	Kore	Nove	None	80	2.8	3.3 0	1 6:0	1.2 0.0 Missing	Missing	Missing	Side	Expanding
2370386	1.5	Note	Note	None	17.7	0.0	0.0	0.0	0.0 0.0 Rounded	Damaged	None	Unnotched	Unsternmed
23PO386	9-1	Note	None	None	16.0	0.0	0.0	0.0	0.0 0.0 Missing	Damaged	None	Missing	Missing
23PO387	1:	None	None	None	7.8	3.6	2.3 0	8	.8 1.8 Missing	Missing	Missing	Corner removed	Contracting
23PO387	1-2	None	None	None	27.4	_	0.0	0.0	.0 0.0 Missing	Damaged	None	Unnotched	Unstemmed
23PO387	7	None	Note	None	5.1	22.4	3.4 0	0.6 0.	0.0 0.0 Rounded	Excurvate	None	Unnotched	Unsternmed

APPENDIX B
Stone tools collected by Howard Wimmer

90000000							l					
	1-1 None	None	None	180.3	0.0	0.0	0.0	0.0 0.0 Missing	Damaged	None	Unnotched	Unsterning
			None	62.3	0.0	0.0	0.0	0.0 0.0 Missing	Missing	No se	Unnotched	Unsternmed
		· -	None	13.6	3,08	4.2	6:0	1.2 3.1 Missing	Incurvate	Barbed	Corner	Expending
		_	None	10.3	0.0	0.0	0.0	0.0 0.0 Missing	[]smaged	None	Unnotched	Unsterrand
	. Y		Immed factore	4.2	2.5	2.5	1.0	1.0 1.7 Missing	Damaged	Barbod	Corner	Expanding
			None	56.9	0.0		0:0	0.0 0.0 Pointed	Damaged	None	Unnotched	Unsternmod
			380X	8.3	2.3	2.6	0.7	1.4 2.7 Missing	Missing	Missing	Corner	Expanding
		_	200	6.1	2.1	1.6	0.5	0.9 1.6 Missing	Damaged	Missing	Corner	Expanding
			980X	9.1	3.6	_	8.0	0.0 0.0 Rounded	Damaged	Missing	Comer	Expanding
	_	_	8	3.9	2.1	3.0	20	0.9 2.1 Missing	Damaged	Square	Corner	Expanding
			Zone.	2.9	2.4	22	9.0	1.2 2.0 Missing	Damaged	Burbed	Conner	Expanding
		_	None	13.9	5.5	3.0	0.7	1.7 2.4 Missing	Recurved	Stoping	Corner removed	Contracting
		_	Nose	14.2	₩.	2.5	<u> </u>	0.0 0.0 Rounded	Excurvate	200%	Unactched	Unsternmed
		_	None	0.7	2.2	1.2	0.3	0.6 0.9 Pointed	Excurvate	Barbed	Corner	Expanding
	_		None	1.1	2.3	1.3	0.3	0.6 0.9 Missing	Asymmetrical	Rarbed	Corner	Expanding
			None	7.7	3.6	2.9	50	1.5 2.0 Missing	Straight	Square	Corner removed	Contracting
			None	14.6	5.4	3.6	6:0	1.6 2.5 Missing	Asymmetrical	Stoping	Corner removed	Contracting
			None	7.0	8.4	23	9.0	1.5 1.7 Pointed	Excurvate	Sloping	Corner removed	Contracting
			None	4.2	3.1	2.5	Ş	1.0 1.7 Missing	Straight	Rarbed	Comer	Expending
	1.5 None		None	7.7	3.9	2.8	- 8:0	0.0 0.0 Pointed	Incurvate	Sloping	Corner removed	Missing
			None	17.8	0.0	0.0	0.0	0.0 0.0 Missing	()amaged	None	Unnotched	Unsternmed
			None	10.1	0.0	0.0	0.0	0.0 0.0 Missing	Daniaged	None	Unnotched	Unsteromed
	Nore		None	20.6	6.7	4.2	6.0	0.0 0.0 Pointed	Asymmetrical	None	Unnotched	Unsternmed
			al de la company	87.5	0.0	0.0	0.0	0.0 0.0 Missing	Damaged	None	Unnorthed	Unsternmed
			None	6 .	3.2	3.0	0.7	0.0 0.0 Rounded	Asymmetrical	None	Unporched	Unsternmed
				5.7	3.1	3.3	0.7	0.6 1.6 Missing	Incurvate	Sarbed	Basal	Expanding
			Nose	77.5	0.0	0:0	0:0	0.0 0.0 Missing	Damaged	None	Unnotched	Unsternmed
			None	3.7	3.2	2.0	50	0.9 1.6 Rounded	Excurvate	Square	Side	Expending
			None None	3.9	3.0	3.2	9.0	1.0 2.4 Missing	Damaged	Square	Corner	Expanding
	None	_	Noge	2.5	2.0	1.8	9.0	0.8 1.8 Missin?	Missing	Sloping	Side	Expending
	None		None	11.8	0.0	0.0	0.0	0.0 0.0 Missing	Damaged	Damaged	Unknown	Missing
	1-7 None		Perforating	1.0	2.3	6.0	9.4	0.0 0.0 Missing	Straight	None	Unnotched	Unsternmed
	_		None	424.0	0.0	0.0	0.0	0.0 0.0 Missing	()amaged	None	Unpotched '	Unsternmed
	_		None	49.8	8.5	5.4	6.0	0.0 0.0 Rounded	Excurvate	None	Unnotched	Unsternmed
	-		N.	2 2 2	7	-	9	O.O. O.O. Rounded	Frantyale	None	Linknown	Missing

APPENDIX B
Stone tools collected by Howard Wimmer

32.30	S. S.				17,733			1					
2000		٠.				į,	-1		B	Morphological Attributes			
Z3FO394	*	None	None	None	35.5	4 .9	4.6	1.2	0.0 0.0 Rounded	Excurvate	Nobe	Unnotched	Missing
23PO394	6-1	Hide-wet	None	None	41.3	5.8	4.7	1.2 0.	0:0 0:0 N/A	N/A	Y / Z	N/A	N/A
23PO394	1.10	Wood	None	None	45.2	5.9	4.7 E	1.9 0.	0.0 0.0 Rounded	Excurvate	None	Unnotched	Unsternmed
23PO394	1-11	None	None	None	85.8	0.0	0.0	0.0	0.0 0.0 Missing	Damaged	Missing	None	Missing
23PO394	21-1	None	None	None	1.07	0.0	0.0	0.0	0.0 0.0 Pointed	Excurvate	Missing	Unknown	Missing
23PO394	1-13	None	No Be	None	15.7	5.3	25 1	1.0 0.1	0.0 0.0 Missing	Excurvate	Missing	Unknown	Missing
23PO394	1.14	None	None None	None	10.6	0.0	0.0	0.0	0.0 0.0 Missing	Missing	Missing	Untrown	Unknown
23P0394	1-15	None	None	None	35.9	7.4	3.8	1.0 0.1	0.0 0.0 Rounded	Excurvate	None	Unnotched	Unstroned
23PO394	1-16	None	None	None	54.3	8.7	5.2 I.	1.2 0,	0.0 0.0 Rounded	Excurvate	None	Unnotched	Unstemmed
23PO394	1.17	Hide-wet	None	None	11.7	3.1	4.4	0.8 0.	0.0 0.0 None	Excurvate	Nose	None	None
23PO394	1-18	Hide-wet	Note	None	12.3	4.6	2.2 0	0.8 0.	0.0 0.0 Missing	Excurvate	None	None	None
23PO394	61-1	None	None	None	14.6	4.1	3.2 1.	1.0 1.	1.9 2.9 Missing	Asymmetrical	Stoplag	Unnotched	Expending
23P0394	1-30	füde-wet	None	None	15.9	5.0	3.3 0.	0.8	3 2.7 Rounded	Excurvate	Sloping	Unnoithed	Expending
23PO394	17-1	Nose	None	None	8.0	3.8	2.7 0	0.7 2.	2.0 2.7 Missing	Damaged	Missing	Unnotched	Expanding
23PO394	1-12	None	None	None	10.6	3.5	2.8 1.	1.0 1.	.7 2.5 Missing	Straight	Square	Side	Expending
23PO394	1-23	None	None	None	7.1	4.3	2.4 0.	5 2	2.0 2.0 Missing	esymmetrical	Sloping	Corner removed	Contracting
23PO394	7-1	None	None	None	17.1	3.5	1 1.0	0 [1]	0.0 0.0 Missing	Excurvate	Sioping	Side	Expanding
23PO394	1.25	Hide-wet	None	Neme	29.4	7.4	3.7 I.	3 2.	.3 2.9 Missing	Facurate	Sloping	Unsouthed	Contracting
2380394	1-36	None	None	None	16.0	4.2	4.1 1.	0	3 2.2 Demaged	Smright	Bert	Bess)	Parallel
23PO394	1-27	None	None	None	14.9	6.6	2.8 0.	<u>ب</u> ج	1.6 2.0 Dumaged	Recurved	Sloping	Corner removed	Contracting
23PO394	1.28	None	None	None	7.8	3.4	3.4 0.	9	1.0 1.7 Missing	Excurate	Square	Corner removed	Expanding
23PO394	1.33	None	None	None	8 0.	2.7	3.7 0.7	7 L	3 2.4 Missing	Missing	Missing	Side	Expanding
23PO 394	06-1	None	None	None	13.0	5.9	8.2	9 1.	3 2.2 Pointed	Asymmetrical	Sloping	Side	Expanding
23PO394	1:-1	None	None	None	4.9	3.4	2.2 0.6	6 1.	5 2.1 Missing	Damaged	Sloping	Side	Expanding
23PO394	1-32	None	None	Impact facture	3.3	2.5	.9 0.	6 0,	0.8 1.8 Damaged	Damaged	Sloping	Side	[obed
23PO394	I-33	None	None	Impact facture	5 ,08	3.3 2	2.2 0.	æ. ∵	S 2.0 Damaged	Fxcurvate	Square	Side	Expanding
23PO394	<u>x</u>	None	None	None	13.4	6.4 3	3.2 0.8	.i	.4 0:0 Pointed	Excurate	Sloping	Side	Expanding
23PO394	1-33	None	None	None	8.1		2.6 0.7	7 1.	2 2.7 Missing	Asymmetrical	Sloping	Side	Expanding
23PO394	<u>.</u>	None	None	None	4.7	•	2.6 0.5	_	.0 2.6 Missing	Straight	Sloping	Side	Expanding
23PO394	1-37	None None	None	Impact facture	7.5	•	2.9 0.7	7	.1 2.8 Demaged	Demaged	Sloping	Side	Expanding
23P0394	8 .	Kone	None	None	6.7		3.0 0.8		.7 3.1 Missing	Missing	Sloping	Side	Expanding
23PO394	-36	None	None	None	9.6	,	2.2 0.7	7 L	2 1.8 Damaged	Straight	Sloping	Side	Lobed
23PO394	9	None	None	Impact fracture	7.5	3.7 3	5.4 0.7	7 1.	2 0.0 Damaged	Damaged	Missing	Side '	Expanding
23PO394	17-1	None	None	None	7.8	2.8 2	0 6		3 2.7 Missing	Missing	Sloping	Side	Expanding
23PO394	7	None	None	Impact fracture	5.9	3.3 2	.5	7	2 0.0 Missing	[]amaged	Missing	Side	Expanding

APPENDIX B
Stone tools collected by Howard Wimmer

Site No.	Cet No				WI(g)	Overall Size	Size	Ser	Stem Size Morphologic	Morphological Athibutes			
23PO394	1-43	None	None	None	3.0	3.1	1.8	0.6	1.0 1.6 Pointed	Straight	Square	Side	Expanding
23PO394	7	None	None	None	6.91	4.2	3.6	1.2 0.	0.0 0.0 Missing	Excurvate	None	None	None
23PO394	1-45	None	None	Impact fracture	1.4	1.7	1.8	0.5 0.	0.5 1.5 Damaged	Excurvate	Barbed	Corner	Expanding
23PO394	1-46	Kope	None	None	3.0	5.9	1.8 0	0.5 0.	0.0 0.0 Rounded	Excurvate	None	None	None
23PO394	1-47	No Be	None	None	8.0	2.0	1.3 0	0.4 0.	0.8 1.1 Damaged	Straight	Barbed	Corner	Expanding
23PO394	1.48	None	None	None	8.0	2.4	1.1	0.3 0.	0.6 1.0 Pointed	Straight	Square	Side	Expanding
23PO394	1.49	Zoge Z	Noge Se	None	8:0	2.8	1.4 0	0.3 0.	0.9 1.9 Pointed	Straigh	Sloping	Double side	Notched
23PO394	1.50	None	None	None	8.0	2.7	1.1	0.3 0.	0.7 1.1 Pointed	Excurvate	Square	Side	Expanding
23PO394	1.51	None	None	None	1.1	2.3	1.4 0	0.5 0.	0.7 0.9 Pointed	Straight	Square	Corner	Expanding
2370394	1.52	None	No.	None	0.8	2.0	0 0.1	0.3 0.	0.7 1.1 Pointed	Excurvate	Sloping	Side	Expanding
23PO394	1.53	None	None	None	0.8	1.5	1.7 0	0.3 0.	0.6 0.0 Mirsing	Missing	Barbed	Conset	Expending
23PO394	1.54	None	None	None	6.0	2.0	1.3 0	0.4 0.	0.8 0.9 Missing	Demaged	Missing	Corner	Expending
23PO394	1-55	None	None	None	0.7	1.7	1.1	0.3 0.	0.0 0.0 Dumaged	[Numaged	Square	Connect	Damaged
23PO394	F-\$6	None	None	None	6.0	1.5	1.7 0	0.4 0.	0.0 0.0 Missing	[Nmaged	None	Unnotched	Unstemmed
23PO394	1.57	None	None	None	3.0	3.7	1.8 0	0.5 n	P.O O.O Pointed	Excurvate	None	Unnotched	Unsteamed
23PO395	1.2	None	None	None	12.7	6.9	3.6 0	0.7 2	2.0 2.2 Messing	Straight	Square	Corner removed	Contracting
23PO395	1-3	None	None	None	138.6	0.0	0.0	0.0	0.0 0.0 Missing	Demaged	None	None	None
23PO395	7	None	None	None	67.2	0.0	0.0	0.0	0.0 0.0 Missing	Damaged	Missing	Unknown	Missing
23PO395	1.5	Noge S	None	None	21.7	0.0	0.0	0.0 0.	0.0 0.0 Pointed	Excurvate	None	Missing	Missing
23PO395	9	None	None	None	5.5	5.2	3.7 0	0.9	1.3 2.7 Pointed	Excurvate	Square	Corner	Expending
23PO395	1.1	None	None	None	17.3	4.5	4.2 1	1.2 1.	1.7 2.3 Missing	Asymmetrical	Stoping	Corner removed	Contracting
23PO395	8-1	None	None	None	0.8	2.3	0.8 0	0.3 0.	0.0 0.0 Pointed	Excurvate	Stoping	Side	Expunding
23PO395	1-9	%	None	None	10.0	3.2	3.5 0	0.8 1.	3 2.3 Missing	Excurste	Barbed	Corner	Expanding
23PO395	1-10	None	None	Impact fracture	7.4	3.9	2.3 0	0.8 1.	9 1.8 Missing	Excurvate	Sloping	Corner removed	Contracting
23PO395	1-11	None	None	None	10.0	5.2	3.0 0	0.7 1.	S 1.8 Pointed	Straight	Missing	Corner removed	Contracting
23PO395	1-12	None	None	None	14.4	4.1	3.6 0	0.8	5 2.9 Missing	pademe(]	Square	Corner	Expanding
23PO395	1.13	None None	None	Impact fracture	6.1	2.7	2.5 0	0.7	.0 2.5 Missing	Damaged	Damaged	Side	Expanding
23PO395	1-14	Noise So	None	None	9 .0	3.6	2.2 0	0.7 0.7	.7 1.7 Pointed	Excurvate	Sloping	Corner removed	Expanding.
23PO395	1-15	None	None	None	6.2	5.6	3.0 0	0.7	1.0 2.0 Missing	Damaged	Barbed	Corner	Expanding
23PO395	91-1	None	None	None	36.7	5.3	1 7.9	1.1 0.	0.0 0.0 Rounded	Excurvate	None	None	None
23PO395	1-17	None	None	None	53.0	7.3	1 1.4	0.0 6.1		Asymmetrical	None	None	None
23PO395	81-1	None	None	Sof! polish	63.8	7.0	5.2	1.8 0.	0.0 0.0 Missing	Excurvate	None	Unnotched	Unsternmed
23PO356	1-1	None	None	None	1.3	3.3	1.4 0	0.4 0.	0.0 0.0 Pointed	Straight	None	Unnotched	Unstemmed
23PO396	1.2	None	None	None	62.4	0.0	0.0	0.0	0.0 0.0 Damaged	Damaged	None	Umokhed	Unstemmed
23PO396	1-3	None	None	None	4 .0	1.9	2.5 0	0.6	0.0 9.0 Missing	[Jamaged	Square	Unknown	Missing

APPENDIX B
Stone tools collected by Howard Wimmer

Site No.	Cat No.				W(g)	Overall Size	Size	SE	Sem Size Morphological Artributes	photogical	Artributes-			
23PO397	1-1	None	No De	None	4.8	5.9	3.0	1.5	1.5 1.9 Missing		Damaged	Square	Corner removed	Contracting
23PO397	1-7	None	None	None	12.8	4.6	3.0	1.0 0	0.0 C.0 Missing	_	Damaged	Sloping	Side	Expanding
23PO397	1.3	Zon	Kone	None	35.7	0.0	0.0	0.0	0.0 0.0 Missing		(Jamaged	None	Unnotched	Unstemmed
23PO397	7	Zobe	None	None	2.4	8.7	1.9 0	0.5 0	0.0 0.0 Peinted	•,	Straight	None	Unpotched	Unstemmed
23PO410	1:1	None	20.2 20.2	None	13.3	4.2	3.0	0.7 0	0.0 0.0 Missing		Excurvate	Missing	Mirsing	Missing
23PO410	1-2	Zoge Z	None	None	8.0	3.7	3.6 Q	0.6 0	0.0 0.0 Missing	_	Excurvate	None	Unnotched	Unsternmed
23PO411	1:1	Zoge Soge	Nose	None	126.0	9 5.01	66.0 2	2.0 0	0.0 0.0 Rounded	_	Excurvate	None	Unnotched	Unsternmed
23PO411	1.2	None	None	Nobe	17.9	4.0	4.7 0	0.9 0	0.0 0.0 Rounded	_	Asymmetrical	None	None	None
23FO412	<u></u>	None	None	None	50.1	7.8	5.3	3 4.	0.0 0.0 N/A		N/A	Y/X	N/A	¥%
23PO412	1.2	Note	None	Nouse	6.1	3.5	24 0	0.7	1.0 1.4 Missing		Asymmetrical	Rerbed	Corner	Expanding
23PO412	1-3	Note	None	Impact fracture	7.9	2.8	2.7 0	1 6:0	1.1 2.6 Missing	•	Asymmetrical	Sloping	Side	Expanding
23PO412	7	None	None	None	5.9	3.3	2.0 0	0.6	0.0 0.0 Polated	_	:xcurvate	None	Unnotched	Unsternmed
23PO412	1.5	None	None	None	0.8	1.1	1.4 (0.5 0	0.0 1.4 Mireing	_	Missing	Missing	Corner removed	Expanding
23PO412	9-1	None	None	None	1.1	6.1	1.4 ė	0.4 0	0.7 0.9 Missing	_	Recurved	Berbed	Corner	Expanding
2370412	1.1	None	None	None	0.1	1.5	1.5	9	0.8 1.0 Missing		Straight	Damaged	Corner	Expanding
2370412	1	None	None	None	9.0	1.8	1.0 C	3 0	0.0 0.0 Pointed		Straight	Square	Unknown	Missing
23PO412	1-9	None	Nose	None	1.1	1.7	J 9.1	9	0.0 0.0 Pointed		Asymmetrical	Missing	Missing	Missing
23PO415	1:1	Xoge X	Z _o ge	None	30.5	7.6	4.1	0 1.	0.0 0.0 Demograd	•	Asymmetrical	None	Unnotched	Unsternmed
23PO415	1-2	Nose	None	None	129.0	6.8	5.8 2	8:	0.0 0.0 Rounded	_	Acurvate	None	Unnotched	Unstemmed
23PO415	1-3	None	Noge Noge	None	18.6	0.0	0.0	0 0	0.0 0.0 Rounded		Asymmetrical	Missing	Missing	Missing
23PO415	7	Kone	None	None	43.7	0.0	0.0	0 0.	0.0 0.0 Missing		Excurvate	None	None	None
23PO415	1.5	None	None	None	54.6	44.6	6.8 1	S	0.0 0.0 Missing		Excurvate	None	None	None
23PO415	1.6	None	None	Nobe	33.6	6.4	5.2	ن 0	0.0 0.0 Missing		xcurvate	None	Unnotched	Unsternmed
23PO416	Ξ	None Contract	None	None	10.5	2.7	3.8 0	1 6	.2 0.0 Missing	_	Озпивед	Damaged	Сотег	Expanding
23PO416	1-2	None	None	None	39.9	0.0	0.0	0 0	0.0 0.0 Rounded	_	Acurvate	Missing	Missing	Missing
23PO416	1-3	Xone Control	None	None	6.0	2.0	1.3 G	0 7	0.7 0.7 Dumaged	_	: tourvate	Barbed	Corner removed	Expanding
23PO416	7	Nobe	None	None	6 .0	9.11	1.2 6	9	0.6 0.8 Missing	_	h nged	Damaged	Corner	Expanding
23PO416	2-1	None	None	None	6.0	8.1	1.2 0	3 0	0.6 1.0 Missing		Straight	Barbed	Comer	Expanding
23PO416	1-6	None	None	None	0.7	2.3	1.5 0	13	0.8 1.5 Pointed	٠.	Streight	Sloping	Double side	Notched
23PO416	1.7	Nobe	No Be	None	9.4	6.0	2.7 1	1.0.1	.2 2.1 Missing		Asymmetrical	Barbed	Corner	Expanding
23PO416	~	None	None	None	3.4	2.8	1.9 0		1.4 0.0 Missing		Missing	Missing	Side?	Expanding
23PO416	6:1	None	None	None	4.1	2.5	2.4 0	0.7 0	0.0 0.0 Missing		Missing	Sloping	Corner removed	Contracting
23PO416	1-10	None	None	None	લ જ	6.1	2.8 0	9.	0.0 0.0 Missing		уатаред	Missing	Missing '	Missing
23PO417	1:1	None	None	None	74.0	10.6	5.5	0	0.0 0.0 Rounded		Acurvate	None	Unpotched	Unstemmed
23PO417	1-7	None	None	None	5.4	2.2	2.8 0	7.0	0.0 0.0 Missing		Missing	Barbed	Comer	Expanding

APPENDIX B

Site No.	St. No).			W(g)	Overall Size	Size	S	Stem Size Morphologic	Morphological Attributes			
23PO417	1-3	None	None	None	49.9	3	S.	<u></u>	0.0 0.0 Missing	[Jamaged	None	Unnotched	Uestembed
23PO417	7	None	None	None	42.9	€.4	53	1.2	0.0 0.0 Missing	Missing	None	Unnotched	Unstembed
23PC417	1.5	None	None	None	20.4	5.3	7.	6.0	0.0 0.0 Missing	[Nunsged	X ose	Unnotched	Unsternmed
23PO418	1.1	None	None	None	5.0	5.9	2.2	9.0	1.5 2.1 Missing	Demaged	None	Unnotched	Parallei
23PO418	1.2	None	None	None	4.8	3.7	33	0.7	0.0 0.0 Missing	Incurved	None	Unknows	Missing
23PO418	1.3	None	None	None	1.4	2.1	2.1	0.7	0.0 0.0 Missing	Damaged	Missing	Missing	Missing
23PO418	7	None	None	None	2.8	3.3	8.1	0.5	1.0 1.6 Missing	Dimaged	Square	Side	Expending
23PO418	1.5	Note	None	Impact frontie	2.3	2.1	9.1	9.0	0.8 1.6 Missing	Missing	Missing	Side	Expanding
23PO418	9	None	None	None	24.8	0.0	0.0	0:0	0.0 0.0 Missing	(Nunsged	None	Unnotched	Unsternmed
23PO418	1.7	None	None	None	14.8	0.0	0.0	0.0	0.0 0.0 Missing	Demegod	Missing	Missing	Missing
23PO419	1.2	None	None	Impact fracture	9.1	2.7	87	9.4	0.6 0.0 Demaged	Excurvate	Barbod	Comer	Expunding
23PO419	1.3	None	None	None	7.7	1.4	2.8	0.7	2.2 2.3 Missing	Dumaged	Sloping	None	Parallel
23PO419	7	None	None	None	1.88	0.0	0.0	0.0	0.0 0.0 Missing	Dimaged	None	Unnotched	Unsternmed
23PO419	1-5	None	None	None	2.0	2.1	9:1	6.5	1.0 0.0 Missing	Damaged	Square	Corner	Expending
23PO419	4	None	None	Nose	2.0	1.6	1.8	9:0	0.0 0.0 Missing	Damaged	Missing	Mirsing	Missing
2370419	1.7	None	Nose	None	6.2	3.5	3.6	9:0	0.0 0.0 Pointed	excurvate	Missing	Missing	Missing
23PO/10	1.2	Hide-wet	None	None	27.0	8.5	€.0	6:0	0.0 0.0 Rounded	Excurvate	Missing	Missing	Missing
23PO420	1.3	None	None	Nose	14.6	8.3	2.2	0.7	0.0 0.0 Niesing	Straight	None	Missing	Missing
23PO420	7	None	None	Nose	9.01	5.7	3.1	0.8	1.6 2.2 Pointed	Excurvate	Stoping	Corner removed	Contracting
23PO420	1.5	None	None	None	14.4	4.6	£3	8.0	1.3 1.5 Missing	Asymmetrical	Stoping	Corner removed	Contracting
23PO420	φ.	None	None	None	6.6	6.5	3.9	0.1	0.0 0.0 N/A	N/A	N/A	N/A	N/A
23PO420	1.7	None	None	None	123.1	0.0	0:0	0.0	0.0 0.0 Missing	Fragment	None	Unnotched	Unsermond
23PO420	φ	Fiide-wet	None	None	6.6	4.2	3.0	0.7	0.0 0.0 Rounded	Excurvate	Barbed	Corner	Expanding
23PO420	6-1	None	None	None	11.8	5.7	3.0	0.7	0.0 0.0 Pointed	Damaged	Damaged	Missing	Missing
23PO420	1-10	Noge Noge	None	None	10.3	3.0	4.6	0.7	0.0 0.0 Missing	Missing	None	Unnotched	Unstemmed
23PO420	1.11	Nobe	None	Nobe	6.0	8:1	1.4	0.4	0.0 0.0 Missing	Incurved	Square	Corner	Expanding
23PO420	1-12	None	None	None	1.0	2.6	1.2	7 .0	0.7 0.8 Pointed	Straight	Square	Comer	Expanding
23PO421	1:1	None	None	None	27.1	80)	-	6.0	1.5 2.3 Pointed	Excurvate	Barbed	Basal	Parallel
23PO421	1.2	None	None	None	24.3	7.9	3.4	5.0	1.1 1.9 Pointed	Excurvate	Barbed	Basal	Parallel
23FO421	1.3	None	None	None	15.3	0.0	0.0	0.0	0.0 0.0 Damaged	Damaged	Missing	Missing	Missing
23FO421	7	None	None	None	13.7	2.4	5.0	0.1	0.0 0.0 Missing	Damaged	None	Unporthed	Unsteamord
23PO422	1-1	None	None	None	261.7	12.8	6.3	3.8	0.0 0.0 Rounded	Asymmetrical	None	Unnotched	Unstemmed
23FO422	1-3	None	None	Impact fracture	13.9	4.1	4.2	8.0	1.2 3.1 Missing	Excurvate	Barbed	Comer	Expanding
23PO422	7	None	None	None	117.8	0.0	0.0	0.0	0.0 0.0 Damagred	Excurvate	None	Unnotched	Unsternmed
23FO422	1.5	None	None	None	58.6	0.0	0.0	0.0	0.0 0.0 Rounded	Excurvate	Missing	Missing	Missing

APPENDIX B
Stone tools collected by Howard Wimmer

Site No.	Set No				WEE)	Overall Size	Size	8	Sem Size Mombolo	Mombological Attributes			
23PO422	2	None	Noc	Impact factore	12.9	3.6	1	0.9	ľø	Damaged	Damaged	Corner	Expanding
23PO422	1-1	None	None	None	17.8	8.9	4.2	0.8	1.8 2.7 Pointed	Asymmetrical	Sloping	Corner removed	Contracting
23PO422	\$	None	None	Nose	10.6	5.1	3.3	0.7 0	0.0 2.0 Pointed	Recurred	Sloping	Corner removed	Contracting
23PO422	1.9	None	20 Z	Impact fracture	4.2	3.2	2.1 0	0.6	1.6 1.6 Missing	Straight	Sloping	Corne removed	Contracting
23PO422	1.10	None	None	None	20.1	6.1	3.7	0 0.1	0.0 0.0 Rounded	Excurate	None	Unnotched	Unstemmed
23PO422	11-11	None	None	None	14.4	4.2	3.8	1.1	1.5 2.2 Missing	Asymmetrical	Dama god	Corner removed	Contracting
23PO422	1-12	None	None	None	20.3	0.0	0.0	0.0	0.0 0.0 Missing	Asymmetrical	None	Unknown	Missing
23PO422	1-13	Note	None	None	12.1	6.7	2.9 0	0.7.0	0.0 0.0 Pointed	Excurvate	None	Unknown	Missing
23PO422	1.14	Note	Nose	None	2.5	3.1	1.4 0	0.7	1.5 0.0 Missing	Missing	Shoping	Corner removed	Contracting
23PO422	1-15	Note	None	None	3.3	2.3	2.1 0	0.7	1.5 0.0 Missing	Miresing	Sloping	Corner removed	Contracting
23PO422	91-1	None	None	None	15.3	3.2	4.1	0 0.1	0.0 0.0 Missing	Damaged	None	Unnotched	Unstemmed
23PO422	1-17	Xone Some	None	None	29.0	8.2	1 9:4	0 97	0.0 0.0 Rounded	Excurvate	None	Unnotched	Unsternmed
23PO422	1-18	Nome	None	None	16.8	6.0	3.0	1.0 0	0.0 0.0 Rounded	Excurvate	None	Unpotched	Unstrumed
23PO422	61-1	Note	None	None	15.6	56.1	3.2	1.1 0	0.0 0.0 Rounded	Asymmetrical	None	Unporrhed	Unsternmed
23PO422	1-20	None	Zone Zone	None	9.9	4.2	2.2 0	0.7.0	0.0 0.0 Pointed	Excurate	None	Unnotched	Unsternmed
23PO422	1.21	Note	None	None	0.01	3.3	2.9 0	0 6.0	0.0 0.0 Missing	[]amaged	None	Unpotched	Unstemmed
23PO422	1-77	None	Xone Xone	None	8.8	3.0	2.5 0	0.9	0.0 0.0 Missing	Excurvate	None	Unnotched	Unstemmed
23PO422	1.2	None	None	Noue	8 .3	1.5	2.1 0	0.5 0	0.0 0.0 Missing	Missing	None	Unpotched	Uastemped
23PO422	1.2	None	Zone	None	1.7	2.5	1.7 0	0 4.	0.7 1.1 Missing	Incurved	Barbed	Corner	Expanding
23PO422	1.25	None	None	None	1.0	2.2	0 91	0.4 0	0.7 1.2 Pointed	Excurvate	Barbed	Corner	Expanding.
23PO422	97	None	None	None	6.0	3.0	1.3 0	0 7	0.6 0.7 Potated	Recurred	Berbed	Corner	Expanding
23PO422	1.27	None	None	None	0.7	1.1	1.3 0	03 0	0.6 0.9 Missing	Straight	Square	Corner	Expunding
23PO422	87.1	None	None	None	0.7	2.5	0 0.1	03 0	0.5 0.9 Pointed	Straight	Square	Corner	Expanding
23PO422	£.	X one	None	Impact fracture	0.7	2.1	1.1	0.3 0	0.6 0.9 Damaged	Excurvate	Square	Corner	Expanding
23PO422	1.30 06:1	Nose	None	None	9.0	1.9	0 6:0	0.4 0	0.6 0.8 Pointed	Excurvate	Square	Side	Expanding
23PO422	1-31	Zone Zone	None	Note	0.3	1 .4			0.5 0.7 Pointed	Straight	Sloping	Side	Expanding
23PO422	1-32	Zone Zone	None	Impact fracture	9 .0	1.5	0.7 0	0.3 0	0.5 0.8 Missing	Damaged	Missing	Corner	Expanding
23PO423		None	Note	Nobe	(3.9	8.8	3.2 2	2.7 0	0.0 2.0 Damaged	Asymmetrical	Sloping	Corner removed	Contracting
23PO423	1-2	None	None	None	13.5	€0 60	4.1 1.	1.0.1	1.2 1.8 Missing	Demaged	Barbed	Basaí	Parattel
23PO423	7	None	Zoge Zoge	None	10.0	4.5	2.6 0	0.7	i.4 2.2 Missing	[Nmaged	Square	Corner removed	Parallel
23PO423	1-5	None	Note	None	19.9	0.0	0.0	0.0	0.0 0.0 Damaged	Excurate	Missing	Missing	Missing
23PO423	9	None	Note	Nobe	25.0	0.0	0.0	0.0	0.0 0.9 Missing	[]amaged	Missing	Missing	Missing
23PO423	1-1	None	None	Engraving wood	15.5	33.9	3.8	0.9	0.0 0.0 Missing	Straight	None	Unnotched '	Unstemmed
23FO423	8 9	None	Note	None	12.2	3.1	4.7 0	0	0.0 0.0 Missing	Missing	None	Unnotched	Unsternmed
23PO423	6-1	None	None	None	17.5	4.2	4.1	0 0.1	0.0 0.0 Missing	Missing	None	Unnokthed	Unstemmed

APPENDIX B
Stone tools collected by Howard Wimmer

1.1 None None None None 1.5 2.6 2.3 0.7 1.5 1.3 Mesing Struight Stophing Stephing Stephing Stophing Stephing Stephin	Side No	3				WEE	Overall Size	Size	Sira	Stem Size Morp	shological	Morphological Artributes			
1.1 None N	Sile No.	<u>ا</u> ا	' 1	N	Man	3 5	,	100	-	1 ~	je je	Straight	Sloping	Side	Expanding
1.2 Hole-wei None Imped fracture 2.2 2.1 19 10 10 Holeweii Holeweii None Holeweii	2370424	-	200	LAGDE	Light	,) i						- 1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1	7:5	Fernandina
13 High-wet None None 75 30 28 08 14 26 Rounded Excurvine Square Context 14 None None None None None 94 23 27 07 12 27 Missing Mis	23FO424	1.2	Zone	None	Impact fracture	2.2	2.7	1.9 C	 	0 1.5 Mirs		.hamaged	Sudor	2000	
14 None None None None S4 23 27 12 27 Missing Missing Corret Ed 15 None	2380424	-	Hide-wet	Nose N	None	7.5	3.0	2.8 0	.8 I.	4 2.6 Roun	_	Excurvate	Square	Connect	Expanding
Nome Nome Nome Nome Nome 99 00 00 00 00 Missing Excurvate Missing Mi	2380424]	2	200	None	5.4	2.3	2.7 0	1.7 E.	2 2.7 Miss		Missing	Missing	Corner	Expanding
	1300424	-		1	25	66	0.0	0.0	.0 0.	_		Excurvate	Missing	Missing	Missing
None None None Impact facture 9.7 3.4 3.3 0.7 0.0 0.0 Missing Excurvite None Unnorthood Unno	250065	2 3				10.7	2.5	4.2 0	6.0			Excurvate	Missing	Missing	Missing
None	220015	? -		3 4	Impact factors	0 7	3.6	3.3 0	1,7 0.	0 0.0 Miss		Demaged.	Damaged	Damaged	Demaged
1.1 None None None None 1.5.1 6.2 3.7 1.0 1.0 1.0 1.0 None	2002	Ξ :			None	440			9	O O Wire		Excurvate	Note	Unnotched	Unsternmed
1.1 Note N	23FO422	7-1			None	77.7	7	42 1	2	0 0 0 Miss		Excurvate	X _{ob} e	Unnotched	Unstemmed
None	25042	2 :			3 2	<u>-</u>	,	3.7	1 7	D 2.5 Point		Fxcurvate	Barbed	Corner	Expanding
1.1 None N	2370430	Ξ :			3001					0 7 D Do	3	postcod	Sloving	Corner removed	Contracting
1-1 Note N	23PO430	1-7	ago Z	None -	300Z	o .	7				}		Bathard	Corner removed	Exmanding
1.2 None None None None 3.0 0.0 0.0 0.0 Dunaged Namaged None 23PO433	<u>-1</u>	Zone Zone	None None	None	4	5.3	3.8	٠ -	2.0 MIN		Tanagara Tanagara		Ministra	Ni ii	
1-1 None	23PO433	[-5	None	None	None	3.0	0.0	0.0	0 0.0	:0 0:0 Dum	polin	Damaged	Missing	Mestag	Missing
1.1 None None None None 4.5 0.0 0.0 0.0 0.0 Missing Damaged None	23PO434	1-1	None	None	None	6.7	3.6	2.5 (96	.0 0.0 MBss	S ujs	Demaged	Missing	Missing	Missing
1-2 None None None None 1376 8.1 6.4 2.8 0.0 0.0 Unknown Excurvate None Unnotthed Un	2380435	1:1	None	None	Note	5.3	3.2	2.3 (1 9.0	5 2.5 Roun	aded	Excurvate	Sloping	Side	Lobed
1-3 Hone None None 1376 8.1 6.4 2.8 0.0 0.0 Unknown Excurvate None Unnotched Unnotched	23PO435	1-2	None	None	Nose	44.5	0.0	0.0	0.00	.0 0.0 Miss	sing	Damaged	None	None	None
1-4 None None None 51.3 6.4 4.9 1.6 0.0 0.0 Rounded Excurvate None Unnorthed Unnorthed 1-1 None None None Inpuctfracture 6.8 4.0 2.0 0.7 0.0 0.0 Daranged Damaged Stoping Side 1-1 None None None None 13.4 4.5 2.9 1.4 0.0 0.0 Rounded Excurvate None Unnorthed 1.3 None None	2380435	F.	200	None	None	137.6	8.1	6.4	2.8 0	.0 0.0 Unk	DOWD	Excurvate	None	Unpotched	Unsternmed
1-1 None None Inspectment 6.8 4.0 2.0 0.7 0.0 Deauged Pamaged Sloping Side 1 1-2 None None None 11.8 6.5 2.5 0.7 2.0 2.0 Damaged Damaged Sloping Conservement	2300435	7	None a	None	None	513	9 .9	4.9	0 9.1		nded	Excurvate	None	Unnotched	Unstermod
1-2 None None None 11.8 6.5 2.5 0.7 2.0 Danaged Danaged Sloping Corner removed C	2380440	Ξ	a N	2002	Impact facture	8.9	4.0	2.0 (0.7.0	10 0.0 Dut	padino	Damaged	Sloping	Side	Lobed
1-3 None None None 13.4 4.5 2.9 1.4 0.0 0.0 Rounded Excurvat None Unnorthed 7100441	1-2	2	2002	None	8.11	6.5	2.5 (2.7.0	.0 2.0 Dan	polin	Damaged	Sloping	Corner removed	Contracting	
1.4 Hide-wet None None 32.9 7.7 3.6 1.2 0.0 0.0 Rounded Excurvate None Unnotabed Unnot	2380441	-	2	200%	None	13.4	4	2.9	0 7:1	.0 0.0 Rote	aded	Excurvat	None	Unnotched	Unsternmod
1-5 None None None 75.2 6.7 5.9 1.4 0.0 0.0 Rounded Excurvite None Unnotabled 1.1 None None Impact fracture 4.7 3.1 2.4 0.7 1.4 2.3 Dranaged Straight Square Side 1.2 None None None 9.1 2.5 3.8 0.6 0.9 2.0 Missing Missing None Unnotabled 1.1 None None None 199.5 8.5 8.1 2.5 0.0 0.0 Missing Straight Square Corner removed 1.2 None None Unnotabled 1.2 None None None None Corner removed 1.3 None	2380443]	Hide-wee!	200	None	32.9	1.7	3.6	1.2 0	10 0.0 Row	paper	Excurvate	None	Unnotched	Unsternmed
1-1 None None Impact fracture 4.7 3.1 2.4 0.7 1.4 2.3 Dranaged Straight Square Side 1.2 None None None 2.9 2.4 2.0 0.6 0.9 2.0 Missing Missing Missing Corner? 1.3 None None None Vanotched 1.4 2.5 3.8 0.8 0.0 0.0 Missing Missing Missing Unnotched 1.1 None None 199.5 8.5 8.1 2.5 0.0 0.0 Missing Straight Square Corner removed 1.2 None None None Corner removed 1.3 None	1350443	· •	N.	No.	None	75.2	6.7	5.9	1.4 0	10 0.0 Rou	popul	Excurvate	None	Unnotched	Unsternmed
1.2 None None None None None None None None On One None None Unnotched 1.1 None None None 199.5 8.5 8.1 2.5 0.0 0.0 Missing Excurvate None Unnotched 1.2 None None None Unnotched Conter removed 1.2 0.0	2380446	: =	2	No.	Impact fracture	4.7	3.1	2.4	0.7	.4 2.3 Dra	pastro	Straight	Square	Side	Expanding
1.3 None None None 9.1 2.5 3.8 0.8 0.0 0.0 Missing None Unnotched 1.3 None None Unnotched 1.4 None None None Unnotched 1.5 None N	2300446	1.7	2	No.	. You	2.9	2.4	2.0	0.6		Sing	Missing	Missing	Corner?	Expanding
1-1 None None None 199.5 8.5 8.1 2.5 0.0 0.0 Missing Excurvate None Unnotched 1-2 None None None None Corner removed 1-2 None None None None	3350446			N.	None	9.1	2.5	3.8	0.8	1.0 0.0 Mis	sing	Missing	None	Unnotched	Unsternmed
1.2 None None None 4.8 2.9 2.2 0.7 0.9 1.5 Missing Straight Square Corner removed 1.2 None None None 7.9 0.0 0.0 0.0 Damaged Damaged Missing Unnotabed 1.0 None None None 7.9 0.0 0.0 0.0 Damaged Damaged Missing Unnotabed 1.0 None None None 7.9 0.0 0.0 0.0 Damaged Damaged Missing Unnotabed 1.0 None None None None None None None None	3350451	} =	a GN	2	No.	199.5	8.5	1.8	2.5	1.0 0.0 Miss	sing	Fxcurvate	None	Unpotched	Unsternmed
Samuel Name 42 00 00 00 00 Demand Missing Unnotabed	2380451		No.		None	4 00.	2.9	2.2	0.7 6		sing	Stradght	Square	Corner removed	Expanding
	100000	: :	4	1	2	5.2	0.0	0.0	0.0		pozra	Damaged	Missing	Unnotched	Unsternmed

APPENDIX B
Stone tools collected by Howard Wimmer

				7	-		
23CE436	Ξ	Demaged	None	Bicogvex	Stem	None	Ź
23CE436	1-2	Concave	None	Biconvex	Stem	None	ž
13CE447		Convex	None	Plane-convex	None	Unifacial	Ź
13CE447	1-7	Straight	None	Bloomvex	None	None	Ź
23CE448	1-1	Paragod	Flared outward	Biconvex	None	Nose	ž
23CE448	1.2	De maged	None	Bloogvex	None	None	Ź
23CE448	1.3	Damaged	None	Bionevex	None	None	ž
23CE448	7	Straight	None	Biconvex	Blade	None	ž
23CE448	1.5	Convex	None	Bloomvex	None	None	Ź
23CE448	1-6	Convex	None	Bicogret	None	None	2
23CE448	1-1	Missing	Missing	Hoogvex	Blade	None	Ž
23CE448	1-8	Missing	Missing	Irregular	Nose	None	2
23DAS2	1-1	Straight	Flared outward	Biconvex	Base	None	Ź
230A52	1.2	Convex	None	Plano-couvex	Stem	Beveling left	Ź
23DA52	1-3	Struight	Asymmetrical	Biconvex	None	None	£
23DA52	7	Missing	Missing	Biconvex	None	None	Ž
23DA63	1:	Straight	None	Biconvex	None	None	£
23DA63	1-7	Straight	None	Biconvex	None	None	Ź
23DA63	1-3	Convex	None	Irregular	None	Nose	ź
23DA63	7	Convex	None	Lenticular	None	Beveling-right	Ź
23DA63	1.5	Missing	Missing	Bicogvex	None	None	ž
23DA63	1.6	Missing	Missing	Biconvex	None	None	Ž
23DA63	1-1	Missing	Missing	Imegular	Blade	None	Ź
23DA85	1-1	Straight	Flaring	Biconvex	Bese & stem	None	Ź
23DA85	1.2	Missing	Messing	Biconvex	None	None	Ź
23DA85	1-3	Missing	Missing	Rhomboidel	None	Beveling-left	Ź
23DA85	7	Missing	Missing	Biconvex	None	None	Ž
23DA85	1.5	!- Aissing	Missing	Inegular	None	None	ž
23DA330	1-1	Missing	Missing	Bloonvex	None	None	Ź
23DA339	1-1	Concave		Biconvex	Base & stem	None	ž
23DA339	1-2	Missing	Missing	Biconvex	None	None	Ź
23DA339	1-3	Missing	Missing	Biconvex	Nov	None	ž
23DA339	1.4	Convex	None	Rhomboidal	None	Beveling-right	ž
23DA339	1.S	Concave	Horizonta	Biconvex	None	Bifacial	ž
23DA 344	1.7	Missing	Missing	Riconstore	N.	;	

APPENDIX B
Stone tools collected by Howard Wimmer

Sile ro.	CAL ING.		THE PROPERTY AND ADDRESS (WILLIAMS)	dean j	THE PROPERTY.		
23DA362	1-1	Straight	None	Rhomboidal	Stem	Beveling-right	ż
23DA362	1.7	Missing	Messing	Plano-convex	None	None	ž
23DA362	1-3	Missing	Missing	Biconvex	None	None	ž
23DA362	7	K/X	N/A	Y N			Ł
23DA362	1-5	Missing	Missing	Irregular	None	None	ź
23DA364	1:1	Straight	None	Bloogweg	Bese & stem	None	ż
23PA365	1-1	Convex	Asymmetrical	Biconver	None	None	ź
23DA365	1-7	Straight	Pointed	Ricogress	Base	None	ž
23DA365	1-3	Concave		Piconvex	Base & stem	Zobe Zobe	ž
23DA365	7	Missing	Missing	Unknown	None	None	ź
23DA365	1-5	Missing	Missing	Bloomer	None	None	ž
23DA 365	9-1	Missing	Missing	Plano-convex	None	None	Ź
23DA365	1-1	Convex	None	Plano-convex	Base	None	Ź
23DA365	2 0	Convex	None	Plano-convex	None	Beveling-left	ž
23DA365	1-9	Missing	Missing	Irregular	None	None	ž
23DA 366	1-1	Straight	None	Biconvex	Base & stem	None	ž
23DA366	1-2	Straight	Asymmetrical	Honrex	Base	None	2
23DA366	1.3	Convex		Biconvex	Base & stem	None	ž
23DA366	1-4	Concave	Flared outward	Irregular	Base	None	ž
23DA366	1.5	Concave	Cropped	Biconvex	Base & stem	None	ž
23DA366	9-1	Straight	Flared	Rhomboidaf	Stem	Reveling-right	ž
23DA366	1-7	Convex	Rounded	Bloomer	Base & stem	None	ž
23DA366	8 2	Coucave	Flared outward	Biconvex	None	None	ž
23DA366	6-1	Convex	Flared outward	Biodever	None	None	£
23DA366	1.10	Concave	Straight-sided	Plano-convex	Stem	None	ž
23DA366	11-1	Concave	Flared outward	Biconvex	Stem	None	Ż
23DA366	1-12	Straight	None	Bionerex	None	None	ž
23DA366	I-13	Convex	Flared outward	Biconvex	None	None	ž
23DA?66	1-14	Rounded	None	Plane-convex	None	Beveling-right	ž
23DA:566	1-15	Convex	None	Rhomboidal	None	Reveling-right	ž
23DA366	1-16	Missing	Missing	Biconvex	None	None	ž
23DA3£6	1-17	Straight		Biconvex	None	None	ž
23DA366	1.18	Concave	Pendular	Rhomboidat	Base & stem	Fleveling-left	ž
23DA366	1-19	Concave	Flared outward	Biconvex	None	None	ž
225 4 755	,	;	2	:	;		

APPENDIX B
Stone tools collected by Howard Wimmer

		PICE PROPER	morphological Andioesis (Wildiams)	and a			ļ
23DA366	1.21	Stratgat		Biconvex	None	None	ž
23DA 366	1.22	Missing	Missing	Unknown	None	None	Ž
33DA366	1.23	Missing	Missing	Irregular	None	None	Ź
23DA366	1-2	Missing	Missing	Biconvex	None	X obc	ž
33DA366	1.25	Convex		Irregular	Nose	Revelling right	£
23DA366	1-26	Concave		Bionwer	None	None	ž
23DA366	1-27	Cognex	None	Biconvex	None	Xonc Xonc	£
23DA366	£-28	Missing	Missing	Biconvex	None	None	Ź
23DA366	£.7	Missing	Missing	Bleonvex	None	None	ž
33DA366	1-30	Missing	Missing	Bloonvex	None	None	Z
23DA 366	1.31	Missing	Missing	Biconver	None	Nobe	Ž
23DA366	1.32	Coovex	None	Plano-convex	None	None	Ź
23DA366	1-33	Convex	None	Rhomboidel	None	Beveling left	Ź
23DA366	7.	Convex	None	Plano-convex	Blade	None	ž
23DA366	1-35	Convex	None	Plano-convex	Blade	None	Ź
24DA366	7.	Convex	None	Biconvex	Blade	Nonc	2
23DA366	1.37	Streight	None	Bloogvex	None	None	ž
23DA366	1.38	Damaged	None	Biconvex	None	None	Ź
23DA366	1-39	Corvex	None	Biconver	Kose	None	Ż
23DA366	1.40	Convex	None	Bico ver	Blade	None	ž
23DA366	1.42	N/A	N/A	X / X	None	None	Ž
23DA366	1.43	Concure	None	Bicograx	None	None	ž
23DA366	4	Straight	None	Biconvex	None	None	ź
23DA366	1.45	Convex	None	Rhomboidal	None	Beveling-left	Ź
23DA366	9-1	Convex	None	Bicogvex	None	None	ž
23DA366	1.47	Missing	Mirsing	Blowwex	Nose	None	ź
23DA366	1-48	Missing	Missing	Biconvex	None	None	ž
23D-A366	1-49	∀ X	N/A	Y /V	None	None	ž
23DA367	1-1	Convex		Biconvex	None	None	ž
23DA367	1-2	Convex	None	Biconvex	Kope	None	Ź
23DA367	1-3	Missing	Miss'ng	Diconvex	None	None	ž
23DA 367	7	Missing	Missing	Irregular	None	None	ž
23D.4368	1-1	Convex		Plano-convex	Nonc	None	ž
23DA368	1-2	Straight		Biconvex	Base & Stam	l'ane	ž
23DA 168	-	Sec. Lake		i			

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APPENDIX B
Stone tools collected by Howard Wimmer

Site No.	Cet No.		Morrhological Afributes (continued)	(paned)	Modifications		
23DA368	7.	Demaged		Biconvex	None	None	£
23DA368	1.5	Struight		Biconvex	Base	¥08	Š
23DA368	9-1	Convex		Bionnex	None	None	ž
23DA368	1.7	Straight		Biconvex	Stett	None	ž
23DA368	₽ ?	Convex		Biconvex	Stem	Nose	£
23DA368	4-1	Stradgett	None	Biconvex	Stem	Nose Se	ž
23DA368	1-10	Straight	None	Irregular	Stem	None	£
23DA368	1-11	Straight		Bicouvex	Stens	None	Z
23DA368	1-12	Wissing	Missing	Biconver	None	None	£
23DA368	1.13	Convex		Irregular	Stem	Nose	ž
23DA368	1-14	Convex	None	Plano-convex	None	None	Ź
23DA 368	1.13	Missing	Missing	Biconvex	None	None	ž
23DA368	1-16	Missing	Missing	Biconvex	None	None	£
23DA368	1.17	A Testing	Missing	Biconvex	None	None	ž
23DA 368	1-18	Missing	Missing	Biconvex	None	Beveling-left	ž
23DA368	61-1	Missing	Missing	Biconvex	Kope	None	ź
23DA368	07:1	Missing	Missing	Plano-convex	None	None	ź
23DA368	1.21	Missing	Missing	Stonera	None	None	£
23DA368	1-12	Missing	Missing	Bicouvex	Note	Kope	ž
23DA368	1.23	X /X	N/A	N/A			£
23DA368	1.2	Y/Y	Y / X	N/A	Blade	None	ž
23DA368	1-25	Convex	Nose	Biconvex	Base & stem	None	£
23DA368	1-26	Convex		Biogreta	Base & stem	None	ž
23DA368	1-27	Damaged	Nobe	Bionavex	Stem	None	ź
23DA368	1-38	Missing	Missing	Diamond-shaped	None	None	ž
23DA368	67-1	Missing	Missing	Biconvex	None	None	ż
23DA368	1.30	Straight	None	Biconvex	Blade	None	ž
23DA368	1-31	Straight	Nobe	Liamond shaped	None	None	ž
23DA369	1-1	Convex		Bicogvex	None	None	£
23DA 369	1-2	Straight	None	Biconvex	Base & stem	Nose	ž
23DA369	1-3	Straight		Bloomen	Base & stem	None	ž
23DA369	7	Convex	Pone	Biconvex	None	None	ž
23DA369	1.5	Missing	Missing	Rhomboidal	None	Beveling-left	ž
23DA369	1-6	₹	N/A	N/A			ž
23DA369	1.7	Concave	None	Biconvex	None	None	ģ

APPENDIX B
Stone tools collected by Howard Wimmer

Site No.	3		Morphological Armibules (conditions)	Dance	Modelications		
23DA370	1-1	Straight	None	Plano-convex	Stem	None	ž
23DA370	1-2	Straight	None	Biconvex	Stem	None	ž
23DA370	1-3	Straight	None	Biconvex	Base & stent	Note	Ź
23DA370	7	Convex		Bicogwest	Base & stem	None	ź
23DA370	1-5	Concurve		Bicouvex	Notches	None	ž
23DA370	79	Concure	None	Bicogwex	Base & stem	None	Ź
23DA370	1.7	Straight		Bicogress	Base & stem	None Police	Ž
23DA370	2 1	Missing	Missing	Bicogress	None	None	£
23DA370	1-9	Missing	Missing	Plano-convex.	None	None	£
23DA370	1-10	Missing	Missing	Bionevex	None	None	£
23DA370	11-11	Missing	Missing	Biconvex	None	None	ž
23DA370	1-13	Missing	Missing	Bicoures	Nonc	None	£
23DA370	1-13	Convex	None	Irregular	None	None	£
23DA370	1-14	Missing	Missing	Impenier	None	Zobe	2
23DA370	1-13	K/A	٨/٨	N/A	None	Zone	Z
23DA371	1-1	Straight	Flared outward	Bicogwest	None	None	£
23DA371	1:2	Straight		Biconvex	None	None	£
23DA37E	1.3	Concave	Incurved	Bicogwest	None	None	£
23DA371	7	Convex	None	Bicoevex	No Be	Nobe	£
23DA371	1.5	Straight	None	Biconvex	Base & stem	Nox	£
23DA371	1-6	Straight	Flared outward	Biconvex	Bese	None	Z
23DA371	1.7	Concave	None	Biconvex	Base & stem	None	2
23DA371	<u>~</u>	Concave	None	Biogress	Stem	None	Ź
23DA371	6-1	Straight	None	Biconvex	None	None	ž
23DA371	1.10	Convex	Rounded	Bloomex	Base	None	Ź
23DA371	1-11	Straight	Horizontal	Diamond shaped	None	Nove	£
23DA371	1-12	Straigh:	None	Biconvex	Base & stem	None	Ź
23DA371	1.13	Straigh	None	Bkonvex	Вале	None	Ź
23DA371	1-14	Concerve		Irregular	Baye	None	Z
23DA371	1.15	Convex	None	Biconvex	None	l'one	Ł
23DA371	1-16	Straight	None	Biconvex	Sten	None	Ź
23DA371	1-17	Missing	Missing	irregular	None	None	Ź
23DA371	1-18	Missing	Miresing	Bicogivex	None	None	Ž
23DA371	1-19	Convex		Biconvex	None	None	Ź
74DA 271	7.	Missing	Missing	Irregular	None	None	-

APPENDIX B
Stone tools collected by Howard Wimmer

<u> </u>	Site No.	Cet. No.	ì	Morphological Attributes (continued)	(pan	Modifications		
1.22 Convex None Riconvex None None 1.23 Convex None Riconvex None None 1.23 Convex None Plano-convex None None 1.24 Convex None Plano-convex None None 1.25 Convex Planed outward Bronvex None None 1.27 Convex Flared outward Bronvex None None 1.27 Convex Flared outward Bronvex None None 1.28 Convex Flared outward Bronvex None None 1.31 Convex Flared outward Bronvex None None 1.32 Convex Flared outward Bronvex None None 1.32 Convex Flared outward Bronvex None None 1.34 Missing Missing Irregular None None 1.40 Missing Missing	23DA371	1-21	Missing	Missing	Irregular	None	None	£
1.23 Convex None Riconvex None None 1.24 Smight None Plano-convex None None 1.25 Convex None Flano-convex None None 1.26 Convex Flared outward Bronvex None None 1.27 Convex Flared outward Bronvex None None 1.31 Convex Flared outward Bronvex None None 1.32 Convex Flared outward Bronvex None None 1.32 Convex Flared outward Bronvex None None 1.33 Convex Flared outward Bronvex None None 1.34 Missing Irregular None None 1.35 Missing Missing Bronvex None None 1.42 Missing Bronvex None None 1.43 Missing Bronvex None None	23DA371	1-22	Convex	None	Biconvex	None	None	£
1-24 Straight None Plano-convex None None 1-25 Corevax None Plano-convex None None 1-25 Corevax None Plano-convex None None 1-27 Corevax Flared outward Bloonvex None None 1-29 Corevax Flared outward Bloonvex None None 1-30 Corevax Flared outward Bloonvex None None 1-31 Corevax Flared outward Plano-convex None None 1-34 Corevax Flared outward Plano-convex None None 1-35 Missing Missing Irregular None None 1-35 Missing Missing Irregular None None 1-40 Missing Missing Broonvex None None 1-41 Recarved None None None 1-42 Missing Missing <t< td=""><td>23DA371</td><td>1.23</td><th>Convex</th><th>None</th><td>Biconvex</td><th>None</th><td>None</td><td>ź</td></t<>	23DA371	1.23	Convex	None	Biconvex	None	None	ź
1-25 Corever None Flano-convex None None 1-26 Corever None Flance outward Flano-convex None None 1-26 Corevex Flared outward Bronvex None None 1-29 Corevex Flared outward Bronvex None None 1-30 Corevex Flared outward Flano-cronvex None None 1-31 Corevex Flared outward Flano-cronvex None None 1-34 Corevex Flared outward Flano-cronvex None None 1-35 Missing Missing Irregular None None 1-35 Corevex None Plano-cronvex None None 1-40 Missing Missing Bronvex None None 1-41 Recurved None None None 1-42 Missing Missing Bronvex None 1-43 Missing Bronvex <td>23DA371</td> <td>1-2</td> <th>Straight</th> <th>None</th> <td>Plano-convex</td> <th>None</th> <td>None</td> <td>ž</td>	23DA371	1-2	Straight	None	Plano-convex	None	None	ž
1.26 Corever None Fuzo-convex None None 1.27 Corevex None Biconevax None None 1.29 Corevex Fared outward Biconevax None None 1.30 Corevex Fared outward Biconevax None None 1.31 Corevex Plane cenvex None None 1.32 Corevex Plane outward Fixon-cenvex None None 1.34 Corevex Plane outward Fixon-cenvex None None 1.35 Missing Missing Irregular None None 1.40 Missing Missing Biconvex None None 1.41 Recarved Missing Biconvex None None 1.42 Missing Missing Biconvex None None 1.43 Missing Missing Biconvex None None 1.44 Recarved None Biconvex	23DA371	1-23	Convex	None	Plano-convex	None	None	ź
1.27 Convex None Biconvex Mone None 1.29 Convex Fared outward Biconvex None None 1.30 Convex Fared outward Biconvex None None 1.31 Convex Fared outward Piconvex None None 1.32 Convex Fared outward Piconvex None None 1.33 Convex Histing Missing Missing Nine None 1.34 Convex None None None None 1.35 Convex None Piconvex None None 1.40 Missing Missing Biconvex None None 1.41 Recarved None Biconvex None None 1.42 Recarved None Biconvex None None 1.43 Missing Biconvex None None 1.44 Recarved Ronorex Biconvex	23DA371	1-26	Cognes	None	Fano-convex	None	None	ž
1.29 Convex Flared outward Bronvex None None 1.30 Convex Fared outward Bronvex Bronvex None None 1.32 Convex Fared outward Bronvex None None 1.33 Convex Fared outward Plano-cenvex None None 1.34 Convex Missing Irregular None None 1.34 Convex None Plano-cenvex None None 1.35 Missing Missing Irregular None None 1.40 Missing Biconvex None None 1.41 Recurved Rounded Biconvex None 1.42 Recurved None Biconvex None 1.43 Missing Biconvex None None 1.44 Recurved None Biconvex None 1.45 Recurved Rounded Biconvex None 1.46	23DA371	17.1	Convex	Nose	Biconvex	None	None	£
1.30 Coevera Fared ontward Bronvex None None 1.31 Coevera Flared outward Flane cenvex None None 1.32 Coevera Flared outward Flane cenvex None None 1.33 Coevera Flane outward Flane cenvex None None 1.34 Coevera Missing Irregular None None 1.35 Missing Missing Irregular None None 1.37 Coevera None None None 1.40 Missing Hissing Bionvex None 1.41 Recurved None None None 1.42 Missing Bionvex None None 1.43 Missing Bionvex None None 1.44 Recurved None None None 1.45 Recurved None Bionvex None 1.46 Recurved None Bionve	23DA371	1.29	Cognex	Flared outward	Biconvex	None	None	ž
1.31 Convex Flared outward Flane cenvex Boodwax Bood from None 1.32 Convex Flared outward Flane cenvex None None 1.33 Convex Biconvex None None 1.34 Missing Missing Irregular None None 1.35 Convex None Plano convex None None 1.37 Convex None Plano convex None None 1.30 Missing Missing Hirsplat None None 1.42 Missing Missing Biconvex None None 1.43 Missing Missing Biconvex None None 1.44 Recurved Rounded Biconvex None None 1.45 Missing Biconvex None None 1.45 Missing Biconvex None None 1.46 Recurved Rounded Biconvex None </td <td>23DA371</td> <td>1.30</td> <th>Convex</th> <th>Fiared outward</th> <td>Biconvex</td> <th>None</th> <td>None</td> <td>£</td>	23DA371	1.30	Convex	Fiared outward	Biconvex	None	None	£
1.32 Convex Flared outward Plane cenvex None None 1.34 Convex Biconvex Biconvex None None 1.34 Convex Missing Missing Irregular None None 1.35 Missing Missing Irregular None None 1.37 Convex None Plano-convex None None 1.30 Convex None Plano-convex None None 1.40 Missing Missing Biconvex None None 1.41 Concave None Biconvex None None 1.42 Missing Biconvex Biconvex None None 1.43 Missing Biconvex Biconvex None None 1.44 Recurved Rounded Biconvex None None 1.45 Concave Fland outward Biconvex Bice & stem None 1.45 Concave	23DA371	15-3	Convex		Biconvex	Base & stem	Note	£
1.33 Convex Biconvex Biconvex None None 1.34 Convex Biconvex None None None 1.36 Missing Missing Irregular None None 1.37 Convex None Biconvex None None 1.38 Convex None Plano-convex None None 1.40 Missing Missing Irregular None None 1.41 Concave None Biconvex None None 1.42 Missing Biconvex None None 1.43 Missing Biconvex None None 1.44 Recarved None Biconvex None 1.45 Recarved None Biconvex None 1.46 Recarved None None 1.47 Convex Biconvex Biconvex None 1.48 Convex Biconvex Biconvex None	23DA371	1-32	Convex	Flared outward	Plano-cenvex	None	None	ž
1.34 Corvers Honeway None None 1.36 Missing Missing Irregular None None 1.36 Missing Missing Irregular None None 1.37 Corvax None Plano-coavex None None 1.40 Missing Missing Irregular None None 1.41 Coacve None Irregular None None 1.42 Missing Missing Hone None 1.43 Missing Hone None None 1.44 Recurved None Hone None 1.45 Recurved None Hone None 1.46 Recurved None Hone None 1.46 Recurved None Hone None 1.47 Corvex Flanted outward Bionevex None None 1.47 Corvex Flanted stem None Hone <td>23DA371</td> <td>1 33</td> <th>Convex</th> <th></th> <td>Biconvex</td> <th>Bese</th> <td>None</td> <td>£</td>	23DA371	1 33	Convex		Biconvex	Bese	None	£
1.35 Missing Missing Irregular None None 1.36 Missing Missing Irregular None None 1.37 Correx None Plano-correx None None 1.38 Correx None Plano-correx None None 1.40 Missing Missing Irregular None None 1.41 Concave None Irregular None None 1.42 Missing Biconvex None None 1.43 Missing Biconvex None None 1.44 Recurved Rounded Biconvex None None 1.45 Recurved None Biconvex None None 1.46 Correx Flared outvard Biconvex None None 1.49 Correx Flared outvard Biconvex None None 1.51 Correx Flared outvard Biconvex None Non	23DA371	¥-1	Convex		Bloosvex	None	None	£
1-36 Missing Missing Irregular None None 1-37 Corvex None Bioorvex None None 1-38 Corvex None Plano-corvex None None 1-40 Missing Missing Irregular None None 1-41 Missing Missing Bioorvex None None 1-42 Missing Bioorvex None None 1-43 Missing Bioorvex None None 1-44 Recurved Rounded Bioorvex None None 1-45 Recurved None Bioorvex None None 1-46 Recurved Bioorvex Bioorvex None None 1-46 Corvex Flared outward Bioorvex None None 1-47 Corvex Flared outward Bioorvex Bioorvex None 1-50 Straight None Bioorvex Biock & stem	23DA371	1-35	Missing.	Missing	Irregular	Kone	None	£
1.37 Convex None Biconvex None None 1.38 Convex None Plano-convex None None 1.40 Missing Missing Irregular None None 1.41 Concave None None None 1.42 Missing Biconvex None None 1.43 Missing Biconvex None None 1.44 Recurved Rounded Biconvex Rose & stem None 1.45 Recurved None Biconvex None None 1.46 Convex Flant outward Biconvex None None 1.49 Convex Flant outward Biconvex None None 1.50 Straight None Biconvex Stee & stem None 1.53 Concave Incurved Biconvex Stem None 1.53 Straight None Biconvex Stem None	23DA371	1.36	Missing	Missing	Imegalar	None	None	ź
1-36 Convex None Plano-convex None None 1-40 Missing Missing Irregular None None 1-41 Concave None Irregular None None 1-42 Missing Missing Biconvex None None 1-43 Missing Biconvex None None 1-44 Recurved Rounded Biconvex None 1-45 Recurved None None 1-46 Recurved None None 1-46 Recurved Biconvex None 1-47 Convex Flared outward Biconvex None 1-48 Convex Flared outward Biconvex None 1-50 Straight Rounded Biconvex Stee & stem None 1-51 Concave Incurved Biconvex Stem None 1-52 Concave Incurved Biconvex Stem None <	23DA371	1-37	Cogwex	None	Biconvex	Nose	None	ž
1-40 Missing Missing Irregular None None 1-41 Concave None Irregular Stem None 1-42 Missing Missing Biconvex None None 1-43 Missing Missing Biconvex None None 1-43 Missing Biconvex None None 1-44 Recurved None Biconvex None 1-45 Recurved None None None 1-46 Convex Flared outward Biconvex None None 1-49 Convex Flared outward Biconvex None None 1-50 Straight Rounded Biconvex Stem None 1-51 Concave Incurved Biconvex Stem None 1-52 Concave Incurved Biconvex Stem None 1-53 Straight None Biconvex Stem None	23DA371	1-38	Convex	None	Plano-convex	No se	None	ž
1-41 Concave None Irregular Stem None 1-42 Missing Missing Biconvex None None 1-43 Missing Missing Biconvex None None 1-44 Recurved Rounded Biconvex None None 1-45 Recurved None Biconvex None None 1-46 Recurved None None None 1-46 Recurved None None None 1-47 Convex Flared outward Biconvex Base & stem None 1-49 Convex Flared outward Biconvex Base & stem None 1-50 Straight Rounded Biconvex Stem None 1-51 Concave Incurved Biconvex Stem None 1-52 Concave Incurved Biconvex Stem None 1-53 Straight None Biconvex Stem Non	23DA371	1.40	Missing	Missing	Irregular	None	None	Z
1-42 Missing Missing Biomyex None None 1-43 Missing Missing Biomyex None None 1-44 Recurved Rounded Biomyex Base & stem None 1-45 Recurved None Biomyex None None 1-46 Recurved None Biomyex None None 1-46 Convex Flared outward Biomyex None None 1-47 Convex Flared outward Biomyex Base & stem None 1-50 Straight Rounded Biomyex Base & stem None 1-52 Concave Incurved Biomyex Base & stem None 1-53 Straight None Biomyex Stem None 1-54 Straight None Biomyex Stem None 1-55 Concave Incurved Diamond-staned Base & stem None 1-54 Straight None<	23DA371	1-41	Concave	None	Irregular	Stem	None	ź
1-43 Missing Biosines Biomyex None None 1-44 Recurved Rounded Biomyex Base & stem None 1-45 Recurved None Biomyex Rese & stem None 1-46 Recurved Biomyex Rise & stem None 1-46 Recurved Biomyex None None 1-48 Convex Flared outward Biomyex None None 1-49 Convex Flared outward Biomyex Base & stem None 1-50 Straight Rounded Biomyex Base & stem None 1-53 Straight None Biomyex Stem None 1-54 Straight None Biomyex Stem None 1-55 Concave Incurved Biomyex Stem None 1-54 Straight None Biomyex Stem None 1-55 Concave Incurved Biomyex Stem	23DA371	1.42	Missing	Missing	Biconvex	No Se	None	Ź
1-44 Recurved Rounded Bionrex Base & stem None 1-45 Recurved None Bionrex None None 1-46 Recurved Bionrex None None 1-46 Convex Bionrex None None 1-48 Convex Bionrex None None 1-49 Convex Flared outward Bionrex Base & stem None 1-50 Straight Rounded Bionrex Base & stem None 1-51 Concave Incurved Bionrex Base & stem None 1-53 Straight None Bionrex Stem None 1-54 Straight None Bionrex Stem None 1-55 Concave Incurved Diamond-shaood Base & stem None 1-55 Concave Incurved Diamond-shaood Base & stem None 1-55 Concave None Bionrex Stem No	23DA37E	1-43	Missing	Missing	Biconvex	None	None	£
1-45 Recurved None Bioonvex Rese & stem None 1-46 Recarved Bioonvex Bioonvex None None 1-47 Convex Bioonvex Bioonvex None None 1-48 Convex Flared outward Biconvex Base & stem None 1-50 Straight Rounded Biconvex Base & stem None 1-51 Concave Incurved Biconvex Base & stem None 1-53 Straight None Biconvex Base & stem None 1-54 Straight None Biconvex Stem None 1-55 Concave Incurved Biconvex Stem None 1-54 Straight None Biconvex Stem None 1-55 Concave Incurved Biconvex Stem None 1-56 Concave None Biconvex Stem None 1-50 Concave None <td>23DA371</td> <td>1-4</td> <th>Recurred</th> <th>Rounded</th> <td>Biconvex</td> <th>Base & stem</th> <td>None</td> <td>ž</td>	23DA371	1-4	Recurred	Rounded	Biconvex	Base & stem	None	ž
1-46 Recurved Bionuvex None None 1-47 Convex Bionuvex None None 1-48 Convex Flared outward Biconvex None None 1-49 Convex Flared outward Biconvex Biconvex None None 1-50 Straight Rounded Biconvex Base & stem None 1-51 Concave Biconvex Base & stem None 1-52 Concave Biconvex Base & stem None 1-53 Straight None None None 1-54 Straight None Biconvex Stem None 1-55 Concave Incurved Diamond-shaoed Base & stem Bronking-left 1-54 Straight None Biconvex Stem None 1-55 Concave None Biconvex Stem None 1-56 Concave None None None	23DA371	1.45	Recurved	None	Biconvex	Rese & stem	None	Ź
1-f7 Convex Biconvex None None 1-48 Convex Flared outward Biconvex None None 1-49 Convex Flared outward Biconvex Base & stem None 1-50 Straight Rounded Biconvex Base & stem None 1-51 Concave Biconvex Base & stem None 1-53 Straight None Biconvex Stem None 1-54 Straight None Diamond-shaoed Base & stem None 1-55 Concave Incurved Diamond-shaoed Base & stem Broting-left 1-55 Concave None Biconvex Stem None 1-56 Concave None Biconvex None None	23DA371	1-46	Recurred		Biconvex	None	None	Z
1-48 Convex Flared outward Biconvex None None 1-49 Convex Flared outward Biconvex Base & stem None 1-50 Straight Rounded Biconvex Base & stem None 1-51 Concave Biconvex Base & stem None 1-53 Straight None Biconvex Stem None 1-54 Straight Plano-convex Stem None 1-55 Concave Incurved Diamond-shared Base & stem Brone 1-55 Concave Incurved Diamond-shared Base & stem Brone 1-56 Concave None Biconvex Stem None 1-57 Straight None None None	23DA371	1-67	Convex		Biconvex	None	None	Z
1-49ConvexFlared outwardBionuvexBise & stemNone1-50StraightRoundedBionuvexBise & stemNone1-51ConcaveIncurvedBionuvexBise & stemNone1-53ConcaveBionuvexNoneNone1-54StraightNoneBionuvexStemNone1-55ConcaveIncurvedDiamond-sharedBase & stemBeveling-left1-56ConcaveNoneBionuvexStemNone1-57StraightNoneBionuvexNoneNone	23DA371	1-48	Convex		Biconvex	None	None	ž
1-50StraightRoundedBionuvexBase & stemNone1-51ConcaveIncurvedBionuvexBase & stemNone1-52ConcaveBionuvexNoneNone1-53StraightNoneBese & stemNone1-54StraightNoneNoneNone1-55ConcaveIncurvedDiamond-sharedBase & stemBeveling-left1-56ConcaveNoneBionuvexStemNone1-57StraightNoneBiconvexNoneNone	23DA371	1-49	Convex	Flared outward	Biconvex	Base & stem	None	ž
1-51ConcaveIncurvedBionwexBionwexBone & stemNone1-52ConcaveBionwexNoneNone1-53StraightNoneBionwexStemNone1-54StraightNoneDiamond-shaoedBase & stemNone1-55ConcaveIncurvedDiamond-shaoedBase & stemReveling-left1-56ConcaveNoneBionwexStemNone1-57StraightNoneBiconvexNone	23DA371	05-1	Straight	Rounded	Biconvex	Base & stem	None	ž
1-52ConcaveBiconvexNoneNone1-53StraightNoneBiconvexBase & stemNone1-54StraightPlano-convexStemNone1-55ConcaveIncurvedDiamond-shaoedBase & stemBeveing-left1-56ConcaveNoneBiconvexStemNone1-57StraightNoneBiconvexNone	23DA371	1-51	Concave	Incurved	Biconvex	Bese & stem	None	ž
1-54 Straight None Béonwex Base & stem None 1-54 Straight Plano-convex Stem None 1-55 Concave Incurved Diamond-shaoed Base & stem Beveling-left 1-56 Concave None Béonwex Stem None 1-57 Straight None Béonwex None None	23DA371	1-52	Concave		Bloomvex	None	None	Ź
1-54 Straight None Biconvex Stem None 1-55 Concave Incurved Diamond-shared Base & stem Beveling-left 1-56 Concave None Biconvex Stem None 1-57 Straight None Biconvex None None	23DA371	1.53	Straight	None	Diconvex	Bese & stem	None	Ź
1-55 Concave Incurved Diamond-shared Base & stem Beveling-left 1-56 Concave None Biconvex Stem None 1-57 Straight None Biconvex None None	23DA371	1.54	Straight		Plano-convex	Stem	None	ž
1-56 Concave None Biconvex Stem None I-57 Straight None Biconvex None	23DA371	1-55	Concave	Incurved	Diamond-shaped	Base & stem	Beveling-left	ž
1.57 Struight None Biconvex None None	23DA 371	1.56	Concave	None	Biconvex	Stem	None	Ź
	23DA371	1.57	Smight	None	Biconvex	None	None	ž

APPENDIX B
Stone tools collected by Howard Wimmer

Site No.	Car No	ſ	Morphological Attributes (continued)	nued)	Modifications		
23DA371	1.58	Straight	None	Biconvex	None	None	2
23DA371	1-59	Conceve	None	Planc-convex	Stem	None	£
23DA371	2 8	Concave		Biconvex	Stem	None	£
23DA371	1-61	Straight	Nose	Plane-convex	Stem	None	ž
23DA371	79-1	Pointed	None	Biconvex	None	None	ž
23DA371	1-63	Course	Rounded	Bloosvex	None	None	ž
23DA371	<u> </u>	Convex		Biconvex	None	None	Ź
23DA371	1-65	Straight	None	Plano-convex	None	None	ž
23DA371	98.1	Straight	None	Biconvex	None	N. se	£
230A371	1-67	Straight		Biconvex	None	None	£
23DA37P	59 -7	Strugght		Biconvex	None	None	£
23DA371	\$	Straight	None	Biconvex	None	None	£
23CA371	£.1	Straight		Biconvex	None	None	ž
23DA371	1.71	Convex		Bloomer	Nose	None	ź
23DA371	1-12	Straight		Biconvex	Nose	None	2
23DA371	1.73	Missing	Missing	Rhomboida!	None	Beveling-left	ź
23DA371	1-74	Convex		Biconvex	Base & stem	Nose	ž
23DA371	1-75	Convex	None	Blooevex	None	None	Ź
23DA371	1-76	Straight	Non	Biconvex	Base & stem	None	£
23DA371	1:1	Straight		Biconvex	None	None	£
23DA371	1-78	Straight	Rounded	Biconvex	Sterr	None	2
23DA371	£-1	Straight	None	Plano-convex	None	None	ź
23DA371	08-1	Missing	Missing	Rhomboldel	Base & stem	Beveling-left	ž
23DA371	18-1	Straight		Irregular	Base & stem	None	ž
23DA371	1-82	Missing	Missing	Unknown	None	None	ź
23DA371	1-83	Straight	Rounded	Biconvex	None	None	ž
23DA371	<u>1</u>	Missing	Missing	Irregular	None	None	ź
23DA371	28-1	Missing	Missing	Irregular	None	None	ž
23DA371	98-I	Sunight		Biconvex	None	None	Z
23DA371	1-87	Missing	Missing	Biconvex	None	Beveling-left	£
23DA371	1-88	Convex	Asymmetrical	Rhomboidal	None	Beveling-left	£
23DA371	1-83	Missing	Mirring	Diamond-shaped	None	None	ž
23DA371	06-1	Convex	None	Irregular	None	None	ź
23DA371	1-9	Recurred	Rounded	Irregular	Stem	None	ž
23DA371	1-92	Y.X	N/A	N/A			£

APPENDIX B
Stone tools collected by Howard Wimmer

	5	Morpholo	Morphological Aftributes (continued)	urd)	Modifications		
23DA371	1-93	Convex	None	Plane-convex	None	Unifacial	£
23DA371	1-6	Straight	None	Plano-convex	None	Unifacial	Ź
23DA371	1-95	Convex	None	Bicoevex	None	None	ž
23DA371	8	Convex	None	Biconvex	None	None	2
23DA371	1.93	Convex	None	Biconvex	Base	None	ž
23DA371	86-1	Convex	Nose	Biconvex	Blade	Unifacial	ž
23DA371	8 -	Convex	Nose	Biconvex	Blade	None	ž
23DA371	1-10	×	N/A	N/A	None	Unifadal	ž
23DA371	1-10	٧×	N/A	NA			ž
23DA371	1.10	Convex	Nose	Plano-convex	None	Unifacial	ž
23DA371	1-10	Cognex	None	Biconvex	None	Unifacial	Ž
23DA371	1-10	Convex	None	Plano-convex	None	Unifacial	ž
23DA371	1-10	Convex	Flared outward	Biconvex	Stem	None	Ź
23DA371	1-10	CORVEX	Flared outward	Hoonvex	Stetts	None	ź
23DA371	1-10	Convex	Flared outward	Bicouvex	None	None	ž
23DA371	1-10	Convex	Flared outward	Bionevex	Stem	None	Ż
23DA371	1-10	Couvex	Flared outward	Biconvex	None	Reveling right	ž
23DA371	11-11	Convex	Rounded	Bicouvex	Buse & stem	None	ž
23DA371	1-11	Missing	Missing	Biconvex	Base	None	ź
23DA371	1-11	Convex		Biconvex	None	None	Ź
23DA371	1-11	Straight	Flared	Biconvex	None	None	Ž
23DA371	1-11	Concine	Flared Gownward	Rhombolds	Base & stem	Beveling-left	Ź
23DA371	11-11	Couvex	None	Plano-convex	None	Unifacial	Ź
23DA371	1-11	Straight	None	Rhomboldai	None	Heweiling left	ž
23DA371	11-11	Concerve	Nose	Bloonver	None	None	£
23DA371	1-11	Concure	None	Rhomboids	None	Heveling-left	ź
23DA371	1-11	Straight	None	Biconvex	Stem	None	Ź
23DA371	1-12	Convex	None	Bloomex	Stem	None	ž
23DA37	1-17	Missing	Missing	Biconvex	None	None	£
2304.571	1-12	Missing	Missing	Biconvex	None	None	£
23DA371	1-12	Convex		Bloomvex	Stem	None	ź
23DA371	1-12	Craight		Eiconvex	Base & stem	None	Ź
23DA371	1-12	Convex		Riconvex	None	None	Ŷ.
23DA371	1-12	Missing	Missing	Unknown	Pone	None	ž
23DA 171	1-12	Missing	Missing	Irregular	None	None	ź

APPENDIX B
Stone tools collected by Howard Wimmer

Sile ro.				7			
23DA371	1-13	Missing	Missing	Irregular	None	None	Ł
23DA371	1-13	Concave	Pendular	Biconvex	Notches	None	Ź
23DA371	1-13	Straight	Flared outward	Biconvex	None	None	Ž
23DA371	1.13	Straight	Flared outward	Blove :	None	None	Ž
230A371	1.13	Convex	Flared outwaru	Biconvex	None	None	£
23DA371	1-13	Convex	None	Plano-couvex	None	Unifacial	Ł
23DA371	1-13	×	KA KA	8 %			£
23DA371	1-13	٧×	K.V	N/A	Nose	Working edge	Ź
23DA371	1-13	ΥX	N/A	¥X		ì	Ž
23DA371	1-13	Couvex	None	Bloogvex	None	None	Ź
23DA371	1-13	Convex	None	Bloomvex	Blade	None	ž
23DA371	1.13	Convex	None	Biconvex	Base	None	Ž
23DA371	1-14	Convex	None	Biconvex	Base	None	Ž
23DA371	1-14	Convex	None	Plane-ocuver	None	None	ž
23DA372	-	Convex	Nose	Picouves	None	None	Ž
23DA372	1-2	Courses	None	Biconvex	Blade	None	ž
23DA372	1.3	Missing	Missing	Dicemen	Blade	None	Ź
23DA373		Convex	Noze	Diconvex	Base	None	Ź
23DA373	1-2	Convex	Nose	Bloonvex	None	None	£
23DA373	1-3	Missing	Missing	Imegular	None	None	£
23DA573	7	Convex	None	Biconvex	None	None	Ž
23DA373	1-5	Concerve	None	Biconwa	Base	None	ź
23DA373	97	Convex	None	Plano-convex	Blade	Unifacial	Ł
23DA374	1:1	ΥX	N/A	N/A			£
23DA374	1-2	Missing	Missing	Biconvex	None	Unitacial	Ź
13DA374	1.3	Missing	Missing	Plano-couvex	None	None	Ź
23DA374	7	Stratight	None	Biconvex	Stem	None	Ž
23DA374	1-5	Missing	Missing	Irregular	Nose	None	£
23DA375	<u></u>	Concave	Missing	Bionevex	Base	None	Ž
23DA376	1-1	Concere	Flared outward	Bloonvex	Base	None	Ź
23DA376	1-2	Straight	Missing	Rhomboids!	Stem	Beveling-left	Ž
23DA376	1-3	Missing	Missing	Honever	None	None	Ź
23DA376	7	Convex	None	Bloonvex	Bare	None	ž
23DA376	1.5	Missing	Missing	Irregular	None	None	ź
7304377							

APPENDIX B
Stone tools collected by Howard Wimmer

Site No.	Cat. No.	Morpholog	Morphological Attributes (continued)	(pant	Modifications		
23DA377	1-2	Concave	None	Plano-convex	Base	None	ž
23DA377	1-3	Straight	None	Biconvex	None	None	ź
23DA377	7	Straight		Plano-convex	Stem	Unifacial	Ź
23DA377	1-5	Strafght	Flared outward	Biconvex	Base	None	ž
23DA377	9	Convex	Asymmetrical	Bionives	Note	None	1 50
23DA377	1-1	Couvex		Biconvex	Base & stem	None	£
23DA377	•	Straight	Asymmetrical	Biconvex	None	None	ž
23DA377	6-1	Convex	None	Biconvex	None	None	Z
23DA377	1-10	Missing	Missing	Irregular	None	None	ž
23DA377	1-1	Convex	None	lrregular	None	None	ž
23DA379	1:1	Convex		Biconvex	Base & stem	None	£
23DA379	1.2	Straight	None	Plano-convex	None	None	2
23DA380	<u></u>	Missing	Missing	Rhomboide	Stem	Reveling left	ź
23DA380	1-2	Missing	Missing	Rhomboidal	None	Beveling-left	ž
23DA380	1.3	Missing	Missing	Plane-convex	None	Unifacial	ź
23DA380	7	CORVEX	None	Plano-convex	Blade	Unifacial	ž
23DA381	1-1	Concerve		Irregular	Base & stem	None	Z
23DA381	1-2	Convex	None	Plano-convex	Bese	None	2
23DA381	1-3	Missing	Missing	Plano-convex	None	Unifacts*	ž
23DA382	1-1	Straight	None	Biconvex	None	None	Ya
23DA382	1-2	Straight	None	Biconvex	Bese & stem	None	ž
23DA382	1-3	Convex	Nose	Plano-convex	None	Unifacial	2
23DA382	7	Missing	Missing	Inegular	None	None	£
23DA382	1-5	Missing	Missing	Irregular	None	None	ž
23DA383	1-1	Convex	None	Biconvex	Base	None	ž
23DA383	1-2	Rounded	None	Plano-convex	Stem	None	Ł
23DA383	1-3	Missing	Missing	Biconvex	None	None	ž
23DA383	7	Cognex		Biconvex	None	None	ž
23DA383	1-5	Missing	Missing	Irregular	None	None	ž
23DA 384	I-I	Missing	Missing	Bloonvex	None	None	2
23DA385	1-1	Straight	None	Plano-convex	Stem	Unifacial	£
23DA385	1-2	Missing	Missing	Irregular	None	None	£
23DA385	1-3	Missing	Missing	Irregular	None	None	ž
23DA385	7	Convex	None	Plano-convex	None	Unifacial	ž
23DA385	1.5	Missing	Missing	Biconvex	None	Unifacial	ž

APPENDIX B
Stone tools collected by Howard Wimmer

			morphological Attributes (Committees)	(mean)	WINDS AND STREET		
23DA385	9-1	Concave	Pendular	Biconvex	Bese & stem	Noce	Z
23DA385	1-1	Couvex	None	Biconvex	None	None	Ź
23DA385	* P	Coures	None	Biconvex	None	Noge Some	Ź
23DA385	6-1	Couvex	None	Biconvex	None	None	Ź
23DA385	1-10	Concave		Biconvex	Steto	None	ž
23DA385	11-11	Concerve	Pendular	Bloomvex	None	Unifacial	Ź
23DA385	1-12	Couver		Plano-convex	None	Unifacial	Ž
23DA385	1-13	Couvex	None	Bicogrega	None	None	Ź
23DA385	1-14	Missing	Missing	Biconvex	Fone	None	Ź
23DA385	1-15	Straight	None	Rhomboide	None	Beveling right	Ź
23DA385	91-1	Straight	None	Rhomboidal	None	Beveling-right	Ź
23DA385	1-17	Missing	Missing	Biconvex	None	Note	Ł
23DA385	1-18	Missing	Missing	Dismond-chaped	Blade	Beveling-left	ž
23DA385	61-1	Convex	None	Biconvex	None	None	Ź
23DA386	1-1	Concerve	Iscurved	Biconvex	None	None	£
23DA386	1-7	Couvex	Cropped	Rhomboida !	None	Beveling-right	ź
23DA386	<u>1</u> -3	Missing	Missing	Irregular	Nose	None	ź
23DA386	7	Missing	Missing	Irregular	None	None	ž
23DA386	1. 8:	Missing	Missing	Irregular	None	None	Ź
23DA386	9-1	Convex	None	Irregular	None	None	Ź
23DA386	1-1	Convex	Flared outward	Biconvex	None	None	2
23DA386	9	Concave	Flared outward	Bloomvex	Base & stem	None	Ź
23DA386	1-9	Concerve	None	Rhomboida	Base	Beveling-left	ž
23DA386	1-11	Centerve		Incgular	Stem	None	Ż
23DA386	1-12	Concave	None	Biconvex	Shoulder	None	ż
23DA386	1-13	Concave		Bloomvex	Base & stem	None	Ź
23DA386	1-14	Straight	None	Hoonvex	Stem	None	Ž
23DA386	1-15	Missing	Missing	Biconvex	None	None	ž
23DA386	91-1	Concorve		Biconvex	Notches	None	Ź
23DA386	1-12	Convex		Bloomex	None	None	ž
23DA386	1-18	Straight	None	Diamond-shaped	None	None	£
23DA386	61-1	Convex	Flared outward	Biconvex	None	None	Ź
23DA.386	02-1	Convex	Flared outward	Biconvex	Base	None	Ž
23DA 386	1-21	Couves		Biconvex	None	None	Ź
AR AGE		,		i			

APPENDIX B
Stone tools collected by Howard Wimmer

	2	Morphologi	Morphological Attributes (continued)	(pan	Modifications		
23DA386	1-23	Demaged		Bicogvex	None	None	ž
23DA386	1.24	Convex		Bionaver	Pase	None	£
23DA386	1-23	Rounded	None	Bicogivex	None	None	£
23DA386	97-1	Convex	None	Biconvex	None	None	ž
23DA386	1-23	Straight	None	Biconvex	None	None	ž
23DA386	1.28	Missing	Missing	Biconvex	None	None	£
23DA386	1-29	Straight	None	Irregular	Best	None	ż
23DA386	1-30	Convex	None	Biconvex	None	None	£
23DA386	1-31	Concave	None	Biconvex	Base	None	£
23DA386	1-32	Missing	Missing	Irregular	None	None	ž
23DA386	1-33	Contex		Biconvex	None	None	ż
23DA386	<u>x</u> -	Opposive		Bicogwex	None	None	ż
23DA386	1.35	Rounded	None	Distroood-shaped	None	None	£
23DA386	73	Missing	Missing	Dismond-shaped	None	None	2
23DA386	1-37	Convex	None	Plano-convex	Blade	Unifacial	£
23DA387		Missing	Missing	liregular	None	None	ž
23DA387	1.2	Concave	Rounded	Irregular	Base & stem	Beveling-left	Ϋ́
23DA387	1:3	Missing	Missing	Irregular	None	None	ž
23DA387	7	Convex	None	Rhomholdal	Stem	Beveling-right	ź
23DA387	1.5	Convex		Biconvex	Stem	None	£
23DA387	<u> </u>	Conver	Noce	Hoorvex	None	None	£
23DA387	1-1	Straight	Flared outward	Biconvex	Stern	None	£
23DA387	<u>ප</u>	Convex	None	Biconvex	None	Nobe	ž
23DA387	6-1	Missing	Missing	Unknown	None	None	ž
23DA387	01-1	Straight		Biconvex	Stent	None	ź
23DA387	11-1	Straight	None	Biconvex	Stem	None	Ź
23DA387	1-12	Vising	Mirsing	Blootvex	Blade	None	ž
23DA387	1-13	Straight	None	Rhombolds!	Stern	Beveling-right	ž
23DA387	1-14	Straight	Flared outward	Biconvex	Notches	None	ž
23DA387	1.15	Straight		Irregular	None	None	ž
23DA387	91-1	Missing	Missing	Irregular	None	None	ž
23DA387	1-17	Straight	None	Biconvex	Stem	Nobe	ž
23DA387	1.18	Convex	None	Biconvex	Notches	None	2.
23DA387	1-19	Missing	Missing	Diamond-shaped	None	None	£
110.4.707			;	i			

APPENDIX B
Stone tools collected by Howard Wimmer

Site No.	S. R.	Morphologi	Cat. No. Morphological Artributes (condinued)	(pan)	Modifications		
23DA387	1-21	Convex		Biconvex	Notches	None	ž
23DA387	1-22	Concave	Cropped	Bicouvex	Notches	None	ž
23DA387	1.23	Concave	None	Biconvex	Stem	Norc	ž
23DA387	7-	Straight	Flared outward	Biconvex	None	None	£
23DA387	1-25	Convex	None	Bloonvex	None	None	£
23DA387	1-26	Cogwex		Biconvex	None	None	£
23DA387	17.1	Missing	Missing	Biconvex	None	None	Ź
23DA387	1.28	Straight	None	Noonvex	None	Nose	ž
23DA387	1.29	Straight		Bicogvex	None	None	ž
23DA387	1-30	Smight		Bloomvex	Stens	None	2
23DA387	18-1	Straight		Biconvex	Stem	None	£
23DA387	1-32	Convex		Hoogwee	None	Note	£
23DA387	1-33	Convex		Bloomex	Stem	None	£
23DA387	7.X	Straight		Plano-convex	Stem	Unifecial	2
23DA387	1-35	Straight		Biconvex	None	None	£
23DA387	1-36	Courtex	None	Bloogvex	None	None	£
23DA387	1-37	Y / X	V/V	KY.			£
23DA387	1-38	Rounded	None	Rhomboidel	None	Reveling-right	ž
23DA387	1.35	Straight	None	Biconvex	Base	None	Z
23DA387	Q - 1	Couvex	None	Plano-convex	Blade	None	Ź
23DA387	1-41	Dumaged	Note	Biconvex	Blade	None	£
23DA388	1:1	Straight	Incurved	Biconvex	None	None	£
23DA388	1-7	Missing	Missing	Bloogvex	None	None	£
23DA388	1-3	Convex	None	Biconvex	None	None	Z
23DA389	- -	Concure	parase	Bicogvex	Sterm	None	ž
23DA 389	1-2	Demaged		Rhomboidal	None	Beveling left	ž
23DA389	1-3	Demeged	Flared outward	Rhomboldal	Base & stem	Beveling-left	ž
23DA389	1	Missing	Missing	Rhomboidaí	None	Beveling-left	ž
23DA389	1-5	Demaged	None	Irregular	None	None	2
23DA390	1:1	Straight	None	Biconvex	None	None	ž
23DA390	1-2	Missing	Missing	Plano-convex	Kose	Unifacial	ź
23DA390	1.3	Nissing	Missing	Bicogver	None	Unifacial	ž
23DA391	1-1	Straight	None	Biconvex	Base & stem	None	ž
23DA391	1-2	Missing	Missing	Biconvex	None	None	ž
23DA392	1-1	Convex	Flaring	Biconvex	None	None	ž

APPENDIX B
Stone tools collected by Howard Wimmer

Site No.	Cat No.	1 3	Morphological Attributes (continued)	(pan	Modifications		
23DA392	1-2	Missing	Missing	Biconvex	None	None	£
23DA392	1-3	Missing	Missing	Biconvex	None	Unifecial	ź
23DA392	I	Convex	None	Biconvex	None	Beveling right	ž
23DA393	:	Missing	Missing	Irregular	None	None	£
23DA393	1-3	Missing	Missing	Imegular	None	None	£
23DA393	1-3	Couves	None	Irregular	None	None	£
23DA393	7	Convex	X one	Biconvex	None	None	2
23DA393	9-1	Missing	Missing	Irregular	None	Nore	ż
23DA393	1-7	Convex	None	Biconvex	None	None	£
23DA393	9	Convex	None	Plano-convex	Note	Beveling left	£
23DA393	6-1	Convex	None	Plano-convex	None	None	£
23DA393	1.10	Convex	None	Bleogvex	None	None	2
23DA393	1.11	Couvex	None	Rhombolds!	None	Beveling-left	£
23DA 393	1-12	Demaged	None	Bicogwest	None	None	3
23DA393	1.13	Convex	None	Rhomboldai	None	Reveling right	2
23DA393	1-14	Convex	None	Plano-convex	None	Unifaciat	2
23DA393	1-15	Convex	None	Plane-convex	Kone	Unifectal	£
23DA393	1-16	Convex	None	Bloogver	Nose Nose	None	£
23DA393	1.17	Straight	None	Biconvex	Nose S	None	£
23DA393	61-1	Concave	Flared downward	Biconvex	Base & stem	None	, a
23DA393	1.20	Concrve	None	Biconvex	Base & stem	None	£
23DA393	1.21	Concave	None	Biconvex	Base & stem	None	£
23DA393	1.22	Concerve	Flared outward	Irregular	Base & stem	Beveling leaf	2
23DA393	1.23	Straight	None	Nicogwex	Base	None	£
23DA393	1-24	Straight	None	Biconvex	Stem	None	£
23DA 393	1-25	Stratght	None	Bloomex	Base & stem	Zore Sore	£
23DA393	1-26	Straight	None	Biconvex	Base	None	£
23DA393	1-27	Straight	None	Biconvex	Hese & stem	None	ž
23DA393	1-28	Straight	Flared outward	Bicogvex	Basse & stem	None	£
23DA393	1-39	Straight		Biconvex	None	None	2
23DA393	DF-1	Concave	Cropped	Biconvex	Notches	None	Ϋ́α
23DA393	1-31	Rounded	Rounded	Biconvex	Nobe	Unitacial	£
23DA393	1-32	Convex		Biconvex	Base & stem	None	ş
23DA393	1-33	Convex	Flared outward	Bloonvex	Base & stem	None	£
23DA393	<u>*</u>	Straight	Flared outward	Biconvex	None	None	Š
		1					

APPENDIX B
Stone tools collected by Howard Wimmer

230A393 1-35 5 230A393 1-36 5 230A393 1-36 5 230A393 1-40 5 230A393 1-41 5 230A393 1-46 5 230A393 1-50 0 230A393 1-51 0 230A393 1-51 0 230A393 1-52 0 230A393 1-53 0 230A393 1-53 0 230A393 1-53 0	Straight Straight Straight Straight Straight Convex Straight Convex Straight Convex Straight Convex	Flared outward Flared outward Flared outward None Pendular	Biconvex	None None None None None None None Sem	None None None None None None None None	2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2
	Straight	Flared outward Flared outward None Pendular	Bionrea Bionrea Blonrea Blonrea Blonrea Blonrea Blonrea Blonrea Blonrea Blonrea Blonrea Blonrea Blonrea	None None None None None None None Stem Stem Stem	None None None None None None None None	2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2
	Damaged Straight Stra	Flared outward Flared outward None	Biconvex	None Stem None None None None None Stem Stem Base	Nor None None None None None Unifiedal	2 2 2 2 2 2 2 2 2 2 2 2 2 2 2
86. 1 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	Straight Str	Flared outward Flared outward None	Blootvex	Stern None None None None None Stern Stern Base	None None None None None None None None	22222222222
	Straight Str	Flared outward Flared outward None	Blootvex Blootvex Blootvex Blootvex Blootvex Blootvex Blootvex Blootvex Plane-coavex	None: None: None: None: None: None: None: Stem:	None None None None None None None None	222222222
2	Straight Convex Straight	Flared outward Flared outward None Pendular	Blootvex Blootvex Blootvex Blootvex Blootvex Plano-coavex Blootvex	None None Base & stem None Stem Base	None None None None None None None	22222222
24	Convex finalght intaght intaght intaght intaght intaght concerne c	Flared outward None Pendular	Biconvex Biconvex Biconvex Biconvex Plano-convex Plano-convex	None None Base & stem None None Stem Base	None None None None Unifacial	2222222
### ### ### ### ### #### #### ########	itralght itr	Flared outward None Pendular	Bleogress Bleogress Bleogress Plano-convex Bleogress Plano-convex	None Base & stem None None Stem Base	None None None Unifacial	222222
4 1 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	inalght Jamaged Jamaged Joseph	Nose Pendular	Bloogvex Bloogvex Plano-convex Bloogvex Ri-convex	Base & stem None None Stem	None None Unitedal None	22222
24	Straight Straight Senaged Concre Concre Concre Concre Concre Concre	None Pendular	Biconvex Plano-convex Biconvex Plannever	None None Stern	None Unifacial None	2222
84-1 84-1 1-58-1 12-1 12-1 12-1 12-1 12-1 12-1 12-1 1	Straight Samaged Socare Socare Socare Socare Socare Socare Socare	None Pendular	Plano-convex Biconvex Pliconvex	None Stem Base	Unifacial None	2222
2. 1. 4. 4. 4. 4. 4. 4. 4. 4. 4. 4. 4. 4. 4.	Amaged Socree Socree Socree Socree	Pendular	Bloogvex	Stem	None	222
8. 8. 1 8. 2. 1 8. 2. 1 8. 2. 1 8. 3. 3. 3. 3. 3. 3. 3. 3. 3. 3. 3. 3. 3.	OBCIVE OBCIVE OBCIVE OBCIVE	Pendular	Picogwer	Bes	******	22
8-1-2-2-2-3-3-3-3-3-3-3-3-3-3-3-3-3-3-3-3	OBCRVE COBCRVE COBCRVE	Pendular			3000	Ş
84.	Soboave		Bloomex	None	None	?
25.1 25.1 25.1 25.1 25.1 25.1 25.1 25.1	Souche		Biconvex	None	None	ž
<u> </u>	Soucerve	Pendular	Biconvex	None	None	ž
153 154 155 155 155		Pendular	Blootver	None	None	ž
2. 1. 2. 2. 2.	Concave		Plano-convex	Nose	None	Ź
25-1	Concave	Flared outward	Bloomex	Base & stem	None	ź
3	Straight	None	Bicogvex	None	None	ž
3	Couvex	None	Biconvex	None	Kone	£
23DA393 1-57 M	Missing	Missing	Irregular	None	None	ž
23DA393 1-58 Si	Straight	None	Bloonvex	None	Nobe	ž
23DA393 1-59 D	Damaged		Biconvex	None	None	ž
23DA393 1-60 S	Straight	None	Biconvex	Bese & stem	None	Ź
23DA393 1-61 D	Damaged	Flared outward	Biconvex	No Be	None	ž
23DA393 1-62 S	Stradght	Flared outward	Biconvex	None	None	ž
23DA393 1-63 Si	Straight		Plano-convex	None	Unifacial	Š
23DA393 1-64 Si	Straight	Flared outward	Biconvex	None	None	ź
23DA393 1-65 D	Damaged		Biconvex	None	None	£
23DA393 1-66 St	Straight	Flared outward	Ricogvex	None	None	ź
23DA393 1-68 R	Rounded	Flared outward	Diamond-shaped	None	None	ź
23DA393 1-69 G	Couvex	None	Biconvex	None	None	ž
	Missing	Missing	Biconvex	Blade	None	ž
23DA393 1-71 D	Damaged		Biconvex	None	None	Š

APPENDIX B
Stone tools collected by Howard Wimmer

Sile no	L#E 70.	Morppoion	Morphological Attributes (continued)	(pan	Modulications		
23DA393	1-12	Straight	Flared outward	Biconvex	Base & stem	None	£
23DA393	1.73	Dumped	Flared outward	Biconvex	Base	None	ž
23DA393	1-74	Denniged	Flared outward	Plano-convex	None	None	ź
23DA393	1-75	Convex	None	Biconvex	None	Unifedat	Ź
23DA393	1.76	Demaged	Note	Biconvex	None	None	ž
23DA393	1-11	Coursex	None	Biconvex	Base	None	ž
23DA393	1-78	Dama ged	Flared downward	Biconvex	Nose	None	ž
23DA393	£.1	Demogra		Biconvex	None	None	Ž
23DA393	1-80	Demaged		Biconvex	None	None	Ź
23DA 393	18-1	٧ ٧	N/A	ΝA			Ź
23DA393	1.82	Chavex	None	Plano-couvex	Bare	None	Ź
23DA393	1-83	Missing	Missing	Biconvex	None	None	ž
23DA393	*	Missing	Missing	Bloomvex	Nose	None	ž
23DA393	28-1	Convex		Biconvex	Stem	None	ž
23DA393	98-1	Straight	None	Bicogress	None	None	ž
23DA393	1.87	Damaged		Plano-convex	Nose	Unifecial	ż
23DA393	1-88	Damaged		Biconvex	None	None	£
23DA 393	1-86	Straight	None	Biconvex	None	None	ž
23DA394	1-1	Concure	None	Biconvex	None	Nouse	£
23DA394	1-2	Missing	Missing	Irregular	None	None	ž
23DA395	1-1	Concave	None	Biconvex	Base & stem	None	ž
23DA395	1-7	Concave	None	Bloomex	Base & stem	Nobe	Š
23DA395	1-3	Missing	Missing	Irregular	None	None	ž
23DA395	7	Damaged	None	Biconvex	None	None	£
23DA365	1.5	Danaged		Riconvex	Stem	None	ž
23:DA395	9	Damaged	None	Plano-convex	Base	None	ž
23DA395	1.7	Damagod	Mirsing	Biconvex	None	None	£
23DA396	-	Rounded	None	Biconvex	None	None	£
23DA396	1-2	Missing	Missing	Irregular	None	None	£
23DA 396	1-3	Straight	None	Biconvex	Stem	None	ž
23DA396	1.4	Rounded	None	Plano-convex	None	Unifacial	ž
23DA396	1-5	Missing	Missing	Plano-convex	None	None	ž
23DA396	9-1	Camaged	None	Irregular	Base	None	ž
23E)A396	1-7	Concave		Biconvex	Base & stem	None	ž
301 A US C	,						

APPENDIX B
Stone tools collected by Howard Wimmer

1-1 Missing Missing Irregular None Blootvex Blade 1-2 Convex None Blootvex Blade 1-4 Missing Missing Irregular None 1-5 Convex None Planond-abaped None 1-6 Missing Missing Diamond-abaped None 1-7 Convex None Blootvex Blootvex 1-10 Convex None Blootvex Blae & stem 1-11 Damaged Blootvex Blae & stem 1-12 Convex Pland outward Blootvex Blae & stem 1-13 Straight None Blootvex Blae & stem 1-14 Straight None Blootvex Blae & stem 1-15 Straight None Blootvex None 1-14 Danaged Danaged Blootvex None 1-15 Straight None Blootvex None 1-16 Da	Site No.	Cat. No.	Morpholog	Morphological Attributes (continued)	(pan	Modifications-		
1.2 Convext None Bloodweat Blade None 1.3 Missing Missing Integulat None None 1.4 Missing Missing Integulat None None 1.5 Convext None Bloodweat None Unificated 1.7 Convext None Bloodweat None Unificated 1.10 Convext None Bloodweat None None 1.11 Convext Flured outward Bloodweat Base & stem None 1.11 Damaped Bloodweat Bloodweat Shone None 1.12 Convext Flured outward Bloodweat Shone None 1.12 Convext Flured outward Bloodweat Shone None 1.13 Straight None Bloodweat None None 1.14 Straight None Bloodweat None None 1.15 Missing Missing	23DA397	1-1	Missing	Missing	irregular	None	None	£
1.3 Missing Missing Integulat None None 1.4 Missing Missing Integulat None None 1.5 Convex None Bromond-staped None Unitsdail 1.10 Convex None Bromond-staped None None 1.11 Damaged Roorex Bromond-staped None None 1.11 Damaged Bromond-staped None None None 1.12 Straight None Bromond-staped None None 1.13 Missing Intragulat None None None 1.14 Straight None Bromond-stape None None 1.14 Straight Non	23DA397	1-2	Convex	None	Biconvex	8ude	None	ž
1.4 Mésting Mésting frésting frésting frésting frésting frésting frésting frésting frésting Mésting Mésting	23DA397	1-3	Missing	Missing	Imegular	None	None	ž
1.5 Convex None Plano-convex None Unificalit 1.5 Missing Missing Missing Missing Missing Missing More Unificalit 1.1.7 Convex None Broonvex None Unificatit 1.1.8 Convex None Broonvex Stem None 1.1.1 Dumaged Broonvex Stem None 1.1.1 Dumaged Broonvex Stem None 1.1.1 Concav Broonvex None None 1.1.1 Straight None Broonvex None 1.1.1 Concav Peedular Broonvex None 1.1.1 Straight None Broonvex None 1.1.2 Concav Broonvex None None 1.1.3 Missing Missing Integular None 1.1.4 Dumaged Missing Integular None 1.2 Convex Broonv	23DA397	7	Missing	Missing	Imegular	None	None	£
1.6 Missing Missing Diamond-chaped None None 1.7 Coewer None Bicoewer None Unificial 1.8 Concere None Bicoewer See & stem None 1.19 Concere Plone Bicoewer See & stem None 1.11 Damaged Bicoewer See & stem None 1.11 Concere Plone Bicoewer None 1.11 Smight None Bicoewer None 1.15 Smight None Bicoewer None 1.16 Concere Pendular Bicoewer None 1.17 Smight None Bicoewer Bice 1.1 Danaged Danaged Bicoewer None 1.1 Missing Missing Integular None 1.1 Missing Missing Hoore None 1.1 Missing Missing Hoore None <	23DA397	1-5	Convex	Note	Plano-convex	None	Unifedal	ž
1-7 Coever None Biconvex None Unificatif 1-8 Concove None Biconvex Base None 1-10 Convex Flared ontward Biconvex Base None 1-10 Convex Flared ontward Biconvex Base None 1-11 Convex Flared ontward Biconvex Biconvex None 1-12 Convex Produlir Biconvex None None 1-13 Straight None Biconvex None None 1-14 Straight None Biconvex None None 1-15 Concave Perdulir Biconvex None None 1-16 Concave Perdulir Biconvex None None 1-17 Straight None Biconvex None None 1-18 Straight None Biconvex None None 1-1 Damaged Missing Hicagul	23DA397	9.1	Missing	Missing	Diamond-shaped	None	None	ž
1.3 Concerve None Bloomvex Base th stem None 1.10 Convex Flured ontward Bloomvex Stem None 1.11 Damaged Bloomvex Stem None 1.12 Convex Bloomvex Base th stem None 1.13 Straight None Bloomvex None None 1.14 Straight None Bloomvex None None 1.15 Straight None Bloomvex None None 1.15 Straight None Bloomvex Base & stem None 1.16 Straight None Bloomvex Base & stem None 1.17 Missing Missing Irregular None None 1.2 Ainsing Missing Biomvex None None 1.2 Ainsing Missing Biomvex None None 1.2 Ainsing Missing Biomvex None Non	23DA397	1-1	Convex	None	Bloogvex	None	Unifedat	ž
1.9 Convex None Bloomvex Stem None 1-10 Convex Flared ontward Bloomvex Stem None 1-11 Demaped Bloomvex Base & stem None 1-12 Convex Bloomvex Stem None 1-13 Stright None Bloomvex None None 1-14 Stright None Bloomvex None None 1-15 Concrv Pendular Bloomvex None None 1-16 Stright None Bloomvex Blace & stem None 1-17 Missing Missing Irregular None None 1-18 Stright None Bloomvex Stem None 1-19 Missing Missing Irregular None None 1-1 Missing Missing Irregular None None 1-1 Missing Missing Missing Irregular None	23DA397	1-8	Concerve	None	Bloomex	Base & stem	None	£
1-10 Convex Flaved ontward Biconvex Skm None 1-11 Damaged Biconvex Base & stm None 1-12 Convex Biconvex Base & stm None 1-13 Straight None Biconvex None None 1-14 Straight None Biconvex None None 1-15 Concave Pendular Biconvex None None 1-16 Concave Pendular Biconvex None None 1-17 Straight None Biconvex Base & stm None 1-18 Straight None Biconvex None Unificial 1-19 Missing Missing Irregular None Unificial 1-1 Damaged None Biconvex None None 1-2 Missing Missing Irregular None None 1-3 Missing Missing Irregular None <t< td=""><td>23DA397</td><td>1.9</td><th>Convex</th><th>Nose</th><td>Biongrex</td><td>Base</td><td>None</td><td>ž</td></t<>	23DA397	1.9	Convex	Nose	Biongrex	Base	None	ž
1-11 Damaged Biconvex Base & stem None 1-12 Convex Biconvex Base & stem None 1-13 Straight None Biconvex None None 1-14 Straight None Biconvex None None 1-15 Concave Pendular Biconvex None None 1-16 Concave Pendular Biconvex None None 1-17 Straight None Biconvex Bise & stem None 1-18 Straight None Biconvex Bise & stem None 1-19 Missing Missing Irregular None None 1-2 Missing Missing Biconvex None None 1-3 Missing Missing Biconvex None None 1-4 Damaged Missing Biconvex None None 1-5 Missing Missing Biconvex None Non	23DA397	1-10	Cogvex	Flared outward	Bicognex	Stem	Nose	ź
1-12 Convex Biogenex Biogenex Biogenex None None 1-13 Straight None Bicognex None None 1-14 Straight None Bicognex None None 1-15 Concave Pendular Bicognex None None 1-16 Concave Pendular Bicognex None None 1-17 Straight None Bicognex Bigee & stem None 1-18 Straight None Bicognex None None 1-2 Missing Missing Irregular None None 1-3 Straight None Biconvax None None 1-1 Damascol Bissing Irregular None None 1-1 Missing Missing Irregular None None 1-1 Missing Missing Irregular None None 1-2 Missing Missing	23DA397	11-1	Demaged		Biconvex	Base	None	ž
1-13 Straight None Biocoverx None None 1-14 Straight None Biconvex None None 1-15 Concave Peedular Biconvex None None 1-16 Concave Peedular Biconvex None None 1-17 Straight None Biconvex Base & strm None 1-18 Straight Missing Missing Missing None None 1-2 Missing Missing Irregular None None 1-3 Missing Missing Irregular None None 1-4 Damaged None Biconvex None None 1-5 Straight None Biconvex None None 1-7 Missing Missing Irregular None None 1-1 Missing Missing Irregular None None 1-2 Missing Missing <t< td=""><td>23DA397</td><td>1-12</td><th>Couvex</th><th></th><td>Bicogreca</td><td>Base & stem</td><td>None</td><td>£</td></t<>	23DA397	1-12	Couvex		Bicogreca	Base & stem	None	£
1-14 Straight None Biconvex Strai None 1-15 Concave Pendular Biconvex None None 1-16 Concave Pendular Biconvex None None 1-17 Straight None Biconvex Base & siem None 1-18 Straight Missing Missing Missing None None 1-2 Missing Missing Missing Irregular None None 1-3 Missing Missing Biconvex None Unitscall 1-4 Damaged None Plano-convex None Unitscall 1-5 Aissing Missing Biconvex None None 1-1 Missing Missing Biconvex None None 1-1 Missing Missing Biconvex None None 1-1 Missing Missing Missing Missing None None 1-2 <td>23DA397</td> <td>1-13</td> <th>Straight</th> <th>None</th> <td>Bicogvex</td> <td>None</td> <td>None</td> <td>£</td>	23DA397	1-13	Straight	None	Bicogvex	None	None	£
1-15 Concave Biconexx None None 1-16 Concave Pendular Biconexx None None 1-17 Straight None Biconexx Bise & stem None 1-18 Straight Missing Missing Missing None None 1-2 Missing Missing Irregular None None 1-3 Missing Missing Irregular None Unifical 1-4 Danaged None Plano-convex None Unifical 1-5 Gravity None Biconvex None None 1-7 Missing Missing Biconvex None None 1-1 Missing Missing Irregular None None 1-1 Missing Missing Irregular None None 1-1 Missing Missing Missing None None 1-2 Missing Missing Irregular <td>23DA397</td> <td>1-14</td> <th>Straight</th> <th>None</th> <td>Biconvex</td> <td>Sicm</td> <td>None</td> <td>2.</td>	23DA397	1-14	Straight	None	Biconvex	Sicm	None	2.
1-16 Concave Pendular Biconvex None None 1-17 Straight None Biconvex Base & stem None 1-18 Straight Missing Missing None None 1-2 Missing Missing Missing None None 1-3 Missing Missing Irregular None None 1-4 Damaged None Placo-convex None Unifical 1-5 Gouvex Biconvex Stem None 1-6 Straight None Biconvex None 1-7 Missing Missing Irregular None None 1-1 Missing Missing Irregular None None 1-1 Missing Missing Irregular None None 1-2 Missing Irregular None None 1-3 Straight None Biconvex None 1-4 Str	23DA397	1-13	Concine		Bicognex	None	None	£
1-17 Straight None Biconvex Base & stem None 1-18 Straight Biconvex Back stem None 1-1 Danaged Danaged Biconvex Blade None 1-2 Missing Missing Irregular None None 1-3 Missing Missing Irregular None Unifical 1-4 Danaged None Placo-convex None Unifical 1-5 Gouvez Biconvex None Unifical 1-5 Gravight None None None 1-7 Missing Missing Irregular None None 1-1 Missing Missing Irregular None None 1-1 Missing Missing Irregular None None 1-2 Missing Irregular None None None 1-3 Straight None Biconvex None Unificalt	23DA397	91-1	Concerve	Pendular	Bicogvex	None	None	£
1-18 Straight Biconvex Back stem None 1-1 Danaged Danaged Block stem None 1-2 Missing Missing irregular None None 1-3 Missing Missing Irregular None None 1-4 Damaged None Plano-convex None Unifiedal 1-5 Gravex Biconvex None Unifiedal 1-5 Gravex None None None 1-7 Missing Missing Irregular None None 1-1 Missing Missing Irregular None None 1-1 Missing Missing Irregular None None 1-1 Missing Missing Irregular None None 1-2 Missing Missing Irregular None None 1-3 Straight None Biconvex None Unifacial 1-4	23DA 397	1.17	Straight	None	Biconver:	Bese & stem	None	£
1-1 Danaged Danaged Bissing None None 1-2 Missing Missing irregular None None 1-3 Missing Missing Irregular None Unificial 1-4 Danaged None Plano-convex None Unificial 1-5 Gravex Biocovex Stem None None 1-6 Straight None Biconvex None None 1-7 Missing Missing Irregular None None 1-1 Missing Missing Irregular None None 1-2 Missing Missing Irregular None None 1-3 Straight None Biconvex None Unificalt 1-4 Straight None Biconvex None Unificalt 1-5 Straight None Biconvex Stem None 1-6 N/A N/A None None<	23D,C397	1-18	Straigh		Biconvex	Base & stem	None	Ź
1-2 Missing Missing Integnlar None None 1-3 Missing Missing Irregular None Unifiedal 1-4 Danaged None Plano-convex None Unifiedal 1-5 Convex Bionvex Stem None 1-6 Straight None Biconvex None None 1-7 Missing Missing Irregular None None 1-1 Missing Irregular None None 1-2 Missing Irregular None None 1-3 Straight None Biconvex None Unifiedal 1-4 Straight None Biconvex None Unifiedal 1-5 Straight None Biconvex Stem None 1-7 Straight None Biconvex Stem None 1-8 Straight None Biconvex Stem None 1-9 <td>23DA398</td> <td><u>:</u></td> <th>Demaged</th> <th>Demaged</th> <td>Biconvex</td> <td>Blade</td> <td>None</td> <td>2</td>	23DA398	<u>:</u>	Demaged	Demaged	Biconvex	Blade	None	2
1-3 Missing Missing Irregular None None 1-4 Danaged None Plano-convex None Unifiedal 1-5 Graver Bionwex Skm None Unifiedal 1-6 Straight None Bionwex None None 1-7 Missing Missing Hregular None None 1-1 Missing Missing Irregular None None 1-2 Missing Irregular None None 1-3 Straight None Biconvex None 1-4 Straight None Biconvex None Unifiedal 1-5 Straight None Biconvex None Unifiedal 1-6 N/A N/A N/A None Unifiedal 1-7 Straight None Biconvex Stem None 1-8 Straight None Biconvex Stem None	23DA398	1.2	Missing	Missing.	irregular	Kone	None	ž
1.4 Damaged None Plano-convex None Unifiedal 1.5 Couver Biconvex Stem None 1.6 Straight None Biconvex None None 1.7 Missing Missing Hregular None None 1.1 Missing Missing Irregular None None 1.2 Missing Missing Irregular None None 1.3 Straight None Biconvex None None 1.4 Straight No.e Biconvex None Unifacial 1.5 Straight None Biconvex None Unifacial 1.5 Straight None Biconvex Stem None 1.6 N/A N/A N/A None None 1.7 Straight None Biconvex Stem None 1.9 None Biconvex None None <td>23DA358</td> <td>1-3</td> <th>Missing</th> <th>Missing</th> <td>Irregular</td> <td>None</td> <td>None</td> <td>Ź</td>	23DA358	1-3	Missing	Missing	Irregular	None	None	Ź
1-5 Convex Biconvex Stem None 1-6 Straight None Biconvex None None 1-7 Missing Missing Biconvex None None 1-1 Missing Missing Irregular None None 1-2 Missing Missing Irregular None None 1-3 Straight None Biconvex None None 1-4 Straight No.e Plano-convex None Unifacial 1-5 Straight None Biconvex Stem None 1-7 Straight None Biconvex Stem None 1-8 Straight None Biconvex Stem None 1-9 Iright None Biconvex Stem None	23DA398	7	Demeged	None	Plano-convex	None	Unifedal	£
1-6 Straight None Bloomvex None None 1-7 Missing Missing Bissing Bissing None None 1-1 Missing Missing Irregular None None 1-2 Missing Missing Irregular None None 1-3 Straight None Biconvex None None 1-4 Straight No.e Plano-convex None Unifacial 1-5 Straight None Biconvex Stem None 1-7 Straight None Biconvex Stem None 1-8 Straight None Biconvex Stem None 1-8 Straight None Biconvex Stem None	23DA398	1-5	Couver		Biconvex	Stens	None	ç
1-7 Missing Missing Missing Bissing More None 1-1 Missing Missing Irregular None None 1-2 Missing Missing Irregular None None 1-3 Straight None Biconvex None None 1-4 Straight No.e Plano-convex None Unifacial 1-5 Straight None Biconvex Stem None 1-7 Straight None Biconvex Stem None 1-8 Straight None Biconvex Stem None	23DA398	1.6	Straight	None	Biconvex	None	None	£
1-1 Missing Missing Missing Integulat None None 1-2 Missing Missing Irregulat None None None 1-2 Missing Missing Irregulat None None None 1-3 Straight None Biconvex Base & stem None 1-4 Straight None Plano-convex None Unifacial 1-5 N/A N/A N/A N/A None 1-7 Straight None Biconvex Stem None 1-8 Straight None Biconvex Stem None	23DA398	1-7	Missing	Missing	Biconvex	None	None	£
1-1 Damaged Rared downward Riconvex Base & stem None 1-2 Missing Missing Irregular None None 1-3 Straight None Biconvex Base None 1-4 Straight None Biconvex None Unifacial 1-5 Straight None Riconvex None Unifacial 1-6 N/A N/A N/A 1-7 Straight None Biconvex Stem None 1-8 Straight None Biconvex Stem None 1-8 Straight None Biconvex Stem None 1-9 II None Biconvex None None	23DA399	1-1	Missing	Mireing	Irregular	None	None	ž
1-2 Missing Missing lirregular None None 1-3 Struight None Biconvex None None 1-4 Straight None Biconvex None None 1-5 Straight No.e Plano-convex None Unified at 1-5 Straight None Biconvex Stem None 1-7 Straight None Biconvex Stem None 1-8 Straight None Biconvex Stem None 1-9 I Nove Biconvex None None	23DA400	1-1	Demaged.	Flared downward	Biconvex	Base & stem	None	ž
1-3 Straight None Biconvex Base None 1-4 Straight None Biconvex Base None 1-5 Straight No.e Plano-convex None Unifacial 1-6 N/A N/A N/A N/A 1-7 Straight None Biconvex Stem None 1-8 Straight Flaring Biconvex Stem None 1-9 II Nore Biconvex None None	23DA400	1-2	Missing	Mireing	Irregular	None	Nore	ź
1-4 Straight None Biconvex Baze None 1-5 Straight No.e Plano-convex None Unifacial 1-6 N/A N/A N/A N/A 1-7 Straight None Biconvex Stem None 1-8 Straight Planing Biconvex Stem None 1-9 1 Nore Biconvex None None	23DA400	1-3	Straight	None	Biconvex	None	None	Ź
1-5 Straight No.e Plano-couvex None Unifacial 1-6 N/A N/A N/A N/A 1-7 Straight None Bicouvex Stem None 1-8 Straight Flaring Bicouvex Stem None 1-9 None Bicouvex None None	23DA400	<u> </u>	Straight	Nose	Biconvex	Веле	None	ž
1-6 N/A N/A N/A 1-7 Straight None Biconvex Stem None 1-8 Straight Fluring Biconvex Stem None 1-9 None Biconvex None None	23DA.400	1.5	Straight	Nove	Plano-convex	None	Unifacial	ž
1-7 Straight None Biconvex Stem None 1-8 Straight Flaring Biconvex Stem None 1-9 .: None Biconvex None None	23DA 400	9-1	Y /Z	N/A	N/A			Ž.
1-8 Straigt Plaring Biconvex Stem None 1-9 .: Nove Biconvex None None	23DA400	1-1	Straight	None	Biconvex	Stett	None	ş
1.9 Nore Biogravex None None	23DA400	e ç	Straigh	Flaring	Biconvex	Stem	None	ž
	23DA400	6-1	7	Nore	Biconvex	None	None	Š

APPENDIX B
Stone tools collected by Howard Wimmer

Site N	SE		Mornhological Attributes (continued)	(pont	Modifications		1
23.5.	01-1	Straight	Nose	Biconvex	None	None	£
23Dr	1.11	Damaged	None	Biconvex	Stem	None	ž
230-400	1-13	Straight	None	Biconvex	None	None	2
23DA400	≯ 1-I	Missing	Missing	Bicouvex	None	None	ź
23CA400	1-15	Missing	Missing	Blootvex	None	None	2
23DA401	1-1	Concave	None	Irregular	Stem	None	ž
23DA401	1-2	Missing	Missing	Irregular	None	None	£
23DA401	1-3	Straight	None	Biconvex	None	Noon	ž
23DA401	7	Straight		Bk ronvex	Sterm	None	Z
23DA401	S-I	Straight		Plano-convex	None	None	ž
21DA401	9	Convex	None	Bloonvex	Sieu	None	£
23DA401	1.7	Straight		Bicogwex	Base & stem	None	ź
23DA401	9	Demaged		Biconvex	None	None	£
23DA401	6-1	Damaged		Bloodwex	None	None	2
23DA401	01-10	Convex	Flared outward	Plano-convex	None	Unifacial	£
23DA401	1-1	Onmaged.	Missing	RODEWEE	Stem	None	2
23CA401	1-12	Missing	Missing	Irregular	None	None	£
23DA401	1-13	Missing	Missing	Unknown	None	None	£
23DA401	1-14	Missing	Missing	Irregular	None	None	£
23DA401	1.15	Straight	Flared outward	Biconvex	Base	ž	£
23DA401	1-16	Damaged	None	Biconvex	Stem	None	£
23DA401	1.17	Convex		Bloomer	Stem	None	ž
23DA401	1-18	Damaged		Biconvex	Stem	None	Z
23DA401	1.19	Straight		Biconvex	Base & stem	None	£
23DA401	1-20	Stratigial	None	Biconvex	None	None	ź
23DA401	1-21	Stradge	None	Plano-convex	None	None	ž
23DA401	1-12	Convex	Note	Plano-convex	None	Unificial	Š
23DA401	1.33	Demaged	None	Plano-convex	Blade	None	ž
23DA401	1-24	Convex	None	Plano-convex	Blade	Unifectal	ž
23DA401	1-23	Convex	None	Biconvex	None	None	£
23DA401	1-36	Convex	None	Plano-convex	None	Unifactal	£
23DA401	1-27	Demaged	None	Rhomboidal	None	Beveling-right	ž
23DA402	1-1	Concave	Cropped	Biconvex	Nuches	None	ž
23DA402	1-7	Missing	Missing	Irregular	None	None	£
23DA402	1-3	Damaged		Biconvex	Base	None	ž

APPENDIX B
Stone tools collected by Howard Wimmer

23DA402 23DA403 23DA403	7	Diming.	1.4 Damesond None			-	
23DA 403 23DA 403				Irregular	None	None.	ž
23DA403	1.1	Convex	None	Bioperex	Stem	Beveling right	ž
	?	Straigt !	None	Plano-convex	None	Unitacial	£
23DA403	<u>1.3</u>	Westing	Missing	Irregular	None	None	ž
2304403	7	Wissing	Missing	Liregular	Nose	None	2
23DA 403	1-5	Straigh.	None	Biconvex	None	None	£
23DA403	1.6	Demaged	Missing	Bicognes	None	None	2
SON ACES	1:1	Straight	None	Plano-convex	None	Unifecial	£
23DA40S	1-7	Straight	None	Bloomex	Stem	None	ž
23DA405	1-3	Straight	Flared outward	Bloomver	Nose	None	ź
23DA405	7	Convex	None	Plano Trivex	None	Unifacial	ž
23DA 405	1.5	Missing	Missing	Biconvex	None	None	ź
23DA405	1-6	Minie;	Missing	Plano-convex	None	Unifectal	Ź
23DA406	1:1	Convex	None	Piconvex	None	Nose	ž
23DA407	1-2	Κ×	Y / X	N/A			Z
23DA407	7	Straight	None	Skr sver	None	None	ž
23DA408	1-1	Straight	Kore	Dismond-shaped	Nose	None	ž
23DA408	7-1	Convex	Nose	Bicouvex	None	None	ž
23DA408	£-1	N/A	Š	ΝA			ž
23DA408	7	Missing	Missing	Biconver	Blade	None	Z
23DA408	1.5	V.∀	Y X	ΚΆ			ź
23DA410	Ξ	Convex	Flared outward	Incgular	Nose	None	Yes
23DA412	1-1	Convex	None	Biconvex	None	None	ž
23DA412	1.2	Convex	None	Plane-convex	None	None	Š
23DA412	1.3	Concave	Pendular	Biconvex	None	None	ž
23DA412	7	Straight		Bicogwex	Base	None	ž
23DA413	1-1	Convex	None	Bionavex	None	None	ž
23PO230	1-1	Concine	Cropped	Biodevex	None	None	2
23PO230	1-2	Missing	Missing	Biconvex	Stem	None	Š
23PO230	1-3	Concure	None	Biconvex	Stem	None	ž
23PO 230	7	Convex	None	Biconvex	None	None	ž
23PO304	1:1	Denga	Horizontal	Rhomboidal	None	Beveling left	ž
23PO304	1-7	Convex	None	Irregular	None	None	S.
23PO304	1-3	Missing	Mirsing	Riconvex	None	None	No.
23PO304	7	Missing	Missing	Biconvex	Blade	None	ž

APPENDIX B
Stone tools collected by Howard Wimmer

Site No.	Cat. No.	Morphologi	Morphological Attributes (continued)	(pan	Modifications		
23PO304	1-5	Missing	Missing	Plano-convex	None	Unifacia!	2
23PO320	1-1	Missing	Missing	Unknown	None	None	ž
23PO320	1-2	Damaged	None	Bicogvex	Base	None	ž
23PO351	1.1	Concerve		Rhomboidel	None	Beveling left	£
23PO351	1-7	Straight	Flared outward	Plano-convex	None	Unifectal	£
23PO351	1.3	Convex	None	Biconvex	None	None	ž
23PO351	7	Missing	Missing	Bicogvex	Nose	None	£
23PO351	1-5	Missing	Missing	Irregular	None	None	£
23PO351	1.0	Missing	Missing	Irregular	None	None	ž
23PO351	1-1	Convex		Biconvex	None	None	£
23PO351	1	Cogves	None	Biconvex	None	None	£
23PO351	1-9	Straight		Biconvex	None	None	ž
1350351	1.10	Straight		Bloomex	None	None	£
23PO351	11-11	Straight		Bloomex	None	None	9 .
23PO351	1-12	Straight		Bloomex	Stem	None	ž
23PO351	1.13	Straight	None	Bloomex	Stern	None	ž
23PO351	1-14	Cogress	None	Plano-convex	None	Unifectal	ž
23PO351	1-15	Strugh	None	Bloomer	None	None	£
23PO351	1-16	Convex	None	Blootvex	None	None	ž
23PO351	1-17	Convex	None	Plano-convex	None	Unifacial	ž
23PO351	1.18	Straight		Biconvex	None	None	£
23PO351	1.19	Straight		Bioperex	None	None	£
23PO351	2-1	Straight	Flared outward	Biconvex	Nose	None	ž
23PO351	2-2	Missing	Missing	Irregular	None	None	£
23PO351	2-3	Missing	Missing	Irregular	None	None	ž
23PO351	7.7	Missing	Missing	Irregular	None	None	ž
23PO351	2-8	Couver	None	Rhomholdel	None	Reveling left	ž
23PO351	5-9	Convex	None	Biconvex	None	None	ź
23PO351	2.10	SC. A	None	Biconvex	Base	None	ž
23PO351	2-11	Cognex	None	Moonvex	None	None	ż
23PO351	2.12	Straight		Blootivex	Nose	None	ż
23P0351	2-13	Damaged		Biconvex	None	None	ž
23PO351	2-14	Straight	Missing	Biconvex	None	None	ž
23PO351	2-15	Convex		Biconvex	None	None	ž
23PO351	2.16	Straight	Flared outward	Biconvex	None	None	ž

APPENDIX B
Stone tools collected by Howard Wimmer

Site No.	Cet No.		Morphological Artributes (continued)	ued)	Modifications		
23PO351	2-17	Missing	Missing	Diamond-shaped	None	None	Z
23PO351	3-1	Straight	Flared outward	Biconvex	None	None	£
23PO351	3-2	Concave	Pendular	Biconvex	None	None	Ł
23PO351	3-3	Concave	Pendular	Biconvex	None	None	£
23PO351	7	Straight	Note	Biconvex	Stem	None	£
23P0351	3.5	Convex	Rounded	Biconvex	None	None	2
23PO351	¥	Missing	Missing	Irregulac	None	None	£
23PO351	3-7	Missing	Missing	Irregular	None	Note	£
23PO35!	*	Mbsing	Messing	Irregular	None	None	£
23PO351	3-9	Convex		Biogress	None	None	£
23PO351	3-10	Demaged	None	Bizervex	Stem	None	2
23PO351	3-11	CORVEX	None	Biconvex	Bese	None	2
23PO351	7	Concave	Sezight-sided	F'sombolds[Stem	Beveling-left	ž
23PO351	4.2	Straight	None	Biconvex	Stem	None	£
23P0351	£ 3	Missing	Missing	Bloomer	None	None	2
2310341	1	Damaged		Biconvex	Stem	None	£
23PO351	4. S	Convex	Nose	Bloomvex	Stem	Noae	ž
23FO351	3	Damaged	None	Вюстек	Nose	None	£
2370351	4.7	Missing	Missing	Irregular	None	None	ž
23PO351	T	Missing	Missing	Irregular	None	None	ź
23PO351	67	Missing	Missing	Irregular	None	None	£
23PO351	€ -10	Convex	Nose	Plane-convex	None	None	2
23PO355	1:1	Concine	Flared outward	Biconvex	None	None	ž
2370355	1-2	Concerve	Flared outward	Blooavex	Base	None	£
2370355	1-3	Strugger	Flared outward	Biconvex	None	None	ž
23PO355	7	Straight	363 <u>8</u>	Plane-convex	Nose	None	ž
23PO355	1-5	Missing	Missing	Irregular	None	None	Ź
2370355	9	.Alssing	Missing	Irregular	None	Zose	£
23PO355	1-1	Missing	Missing	Biconvex	None	None	£
23PO355	.ø	Missing	Missing	Biconvex	None	None	Ž.
23PO355	6-1	Convex	None	Biconvex	None	None	ž
23PO355	1-10	Concave	Pendular	Biconvex	Stem	None	Z
23PO355	1-1	Convex	None	Biconvex	None	None	ž
23PO357	1-1	Straight	Flared outward	Biconvex	None	None	Ź
23PO357	1-2	Demaged	Flared outward	Biconvex	None	None	£

APPENDIX B
Stone tools collected by Howard Wimmer

23PO357 1.3 Convext Bounded Boonvext Seam None No 23PO357 1.4 Convext Rounded Boonvext None None No 23PO357 1.4 Struight None Boonvext None No 23PO357 1.5 Struight Minning Minning Minning None No 23PO357 1.5 Minning Minning Minning Minning No No 23PO357 2.2 Struight None No No No 23PO357 2.4 Minning Minning Minning Hone No No 23PO357 2.5 Minning Minning Minning Hone No No 23PO357 1.4 Minning Minning Minning Hone No No 23PO359 1.5 Convext No Boonvext No No No 23PO359 1.5 <t< th=""><th>Site No.</th><th>Cat No.</th><th>1</th><th>Morphological Attributes (continued)</th><th>(pane</th><th>Modifications</th><th></th><th></th></t<>	Site No.	Cat No.	1	Morphological Attributes (continued)	(pane	Modifications		
1.4 Convex Rounded Boonvex None None 1.5 Dimaged None Boonvex None None 1.5 Straight None Plano-convex None Unificial 1.1 Missing Missing Missing Irregist None Unificial 2.1 Missing Missing Missing Irregist None None 2.2 Straight Fore one and an expension Boonvex None None 2.4 Alising Missing Bicsarex None None 2.5 Missing Missing Irregist None None 1.1 Missing Missing Irregist None None 1.2 Missing Missing Irregist None None 1.1. Missing Irregist None None 1.1. Straigt None None None 1.1. Concare None Biconvex <td>23PO357</td> <td>1-3</td> <th>Convex</th> <th></th> <td>Bloomvex</td> <td>Stett</td> <td>None</td> <td>£</td>	23PO357	1-3	Convex		Bloomvex	Stett	None	£
1.5 Danaged None Bloonvex None None 1.6 Straight Broonvex Straight None Unificial 2.1 Missing Missing Irregular None Unification 2.1 Missing Missing Irregular None None 2.2 Straight Binsing Irregular None None 2.3 Convex None Broonvex None None 2.4 Danaged Flared outward Broonvex None None 2.5 Graver None Broonvex None None 1.1 Missing Missing Irregular None None 1.2 Missing Missing Irregular None None 1.1 Straight None Broonvex None None 1.1 Straight None Broonvex None None 1.1.1 Convex None Broonvex	23PO357	7	Cogvex	Rounded	Bloomer	None	Noac	ž
1-6 Struight Brownex Stem None Unificial 1-3 Convex None Plano-convex None Unificial 2-1 Missing Missing Irregist None None 2-1 Missing Missing Irregist None None 2-2 Struight Missing Brownex None None 2-3 Convex None Brownex None None 2-4 Danaged Flared outward Brownex None None 2-5 Missing Missing Irregular None None 1-1 Missing Missing Irregular None None 1-1 Missing Missing Irregular None None 1-2 Missing None Brownex None None 1-3 Convex None Brownex None None 1-4 Struight None Brownex None <td>2380357</td> <td><u>1.5</u></td> <th>Demaged</th> <th>None</th> <td>Bloomex</td> <td>None</td> <td>None</td> <td>Ź</td>	2380357	<u>1.5</u>	Demaged	None	Bloomex	None	None	Ź
1-7 Corvers None Phano-courcex None Unificial 1-8 Missing Missing Irregular None None 2-1 Missing Missing Irregular None None 2-2 Struight Bronvex Hone None None 2-3 Corvex None Hone None None 2-4 Danaged Flant outward Hone None None 2-5 Missing Missing Irregular None None 1-1 Missing Missing Irregular None None 1-1 Missing Missing Irregular None None 1-1 Missing Irregular None None 1-1 Missing Irregular None None 1-1 Struight None Hone None 1-1 Struight None Hone None 1-1 Convex <td< td=""><td>23PO357</td><td>9</td><th>Straight</th><th></th><td>Biconvex</td><td>Stem</td><td>None</td><td>ž</td></td<>	23PO357	9	Straight		Biconvex	Stem	None	ž
1-3 Missing Missing Irregular None None 2-1 Affasing Missing Irregular None None 2-2 Struight Boonvex None None 2-3 Corvex None None None 2-4 Danuged Flared outward Bronvex None None 2-5 Missing Missing Irregular None None 1-1 Missing Missing Irregular None None 1-1 Missing Missing Irregular None None 1-1 Missing Missing Irregular None None 1-1-2 Missing Missing Irregular None None 1-1-3 Missing None Bronvex None None 1-1-4 Danuged None Bronvex None None 1-1-1 Convex None Bronvex None None	23PO357	1-1	Convex	None	Хальсо-овид	None	Unifacial	£
2-1 Mitaning Missing Irregular None None 2-2 Straight Borowex None None 2-3 Corvex None None None 2-4 Missing Flared outward Brownex None None 2-5 Missing Missing Irregular None None 1-1 Oncave None Brownex None None 1-1 Straight None Brownex None None 1-1 Onvex None Brownex None None <t< td=""><td>23PO357</td><td>•</td><th>Missing</th><th>Missing</th><td>Intgular</td><td>None</td><td>None</td><td>£</td></t<>	23PO357	•	Missing	Missing	Intgular	None	None	£
2.2 Straight Browver None None 2.3 Convex Browver None None 2.4 Damaged Farred outward Browver None None 2.5 Convex None Bromver None None 1.1.1 Missing Missing Irregular None None 1.1.2 Missing Missing Irregular None None 1.1.2 Missing Irregular None None 1.1.3 Concave None Bromvex None None 1.1.4 Straight None Browvex None None 1.1.1 Convex None Browvex None None 1.1.1 Convex None Browvex None None 1.1.1 Convex None Browvex None None 1.1.2 Convex None Browvex None None 1.1.2 Co	23PO357	2-1	Missing	Missing	Irregular	None	None	ž
2-3 Convex Bloonvex None None 2-4 Damaged Fared outward Bronvex None None 2-5 Gonvex None Bronvex None None 1-1 Missing Missing Irregular None None 1-2 Missing Missing Irregular None None 1-3 Missing Missing Irregular None None 1-4 Missing Missing Irregular None None 1-4 Damaged None Brownex None None 1-5 Straight None Brownex None None 1-10 Convex None Brownex None None 1-11 Convex None Bronvex None None 1-12 Convex None Bronvex None None 1-13 Convex None Bronvex None None	23PO357	7-7	Straight		Bionevex	None	None	£
24 Damaged Flared outward Bloowers None None 25 Octevez None Bloowers None None 26 Missing Missing Missing Irregular None None 1-1 Missing Missing Missing Irregular None None 1-3 Missing Missing Irregular None None 1-4 Damaged None Browners None None 1-5 Goncave None Browners None None 1-7 Straight None Browners None None 1-10 Convex None Browners None None 1-10 Convex None Browners None None 1-11 Convex None Browners None None 1-12 Convex None Browners None None 1-13 Convex None B	23FO357	2-3	Convex		Biconvex	None	None	£
2-5 Convex None Biconvex Stem None 1-6 Missing Missing Hissing Hissing Hissing None None 1-3 Missing Missing Missing Irregular None None 1-4 Damaged None Irregular None None 1-5 Missing Missing Irregular None None 1-6 Straight None Biconvex None None 1-7 Straight None Biconvex None None 1-10 Convex None Biconvex None None 1-10 Convex None Biconvex None None 1-11 Convex None Biconvex None None 1-12 Convex None Biconvex None None 1-13 Convex None Biconvex None None 1-14 Straight Rone	23FO357	7-7	Damaged	Flared outward	Biconvex	None	None	£
2-6 Méseing Méseing Bícoevez None None 1-1 Méseing Méseing Irregular None None 1-2 Méseing Méseing Irregular None None 1-3 Méseing Méseing Irregular None None 1-4 Damaged None Brouvez None None 1-5 Straight None Brouvez None None 1-7 Straight None Brouvez None None 1-10 Convex None Brouvez None None 1-11 Convex None Brouvez None None 1-12 Convex None Brouvez None None 1-13 Convex None Brouvez None None 1-14 Straight None Brouvez None None 1-15 Convex None Brouvez None None	23PO357	2.5	Couvex	None	Bloouver	Stem	None	£
1-1 Miseing Miseing Irregular None None 1-2 Miseing Miseing Irregular None None 1-3 Miseing Miseing Irregular None None 1-4 Damaged None Biomycz None None 1-5 Coaczye None Biomycz None None 1-7 Straight None Biomycz None None 1-8 Coavez None Biomycz None None 1-10 Coavez None Biomycz None None 1-11 Coavez None Biomycz None None 1-12 Coavez None Biomycz None None 1-13 Coavez None Biomycz None None 1-14 Straight None Biomycz None None 1-15 Coavez None Biomycz None None	23P0357	5-6	Missing	Missing	Biconvex	None	None	£
1.2 Miseing Miseing Integular None None 1.3 Miseing Miseing Irregular None None 1.4 Damaged None Irregular None None 1.5 Coacave None Biconvex None None 1.6 Straight None Biconvex None None 1.7 Straight None Biconvex None None 1.9 Coavex None Biconvex None None 1.10 Coavex None Biconvex None None 1.11 Coavex None Biconvex None None 1.12 Coavex None Biconvex None None 1.14 Straight Biconvex None None None 1.15 Coavex None Biconvex None None 1.16 Coavex None Biconvex None None	23PO359	1:1	Missing	Missing	Irregular	None	None	ž
1-3 Missing Missing Inregular None None 1-4 Dunaged None Brownex None None 1-5 Concave None Brownex None None 1-6 Straight None Brownex None None 1-7 Straight None Brownex None None 1-8 Convex None Brownex None None 1-10 Convex None Brownex None None 1-11 Convex None Brownex None None 1-12 Convex None Brownex None None 1-13 Convex None Brownex None None 1-14 Straight Brownex None None 1-15 Convex None Brownex None None 1-16 Convex None Brownex None None 1-18	23FO359	1-2	Missing	Missing	Irregular	None	None	£
1.4 Dimaged None Irregular None None 1.5 Concave None Biconvex Biconvex None None 1.6 Straight None Biconvex None None 1.7 Straight Biconvex None None 1.9 Convex None None None 1.10 Convex Biconvex None None 1.11 Convex None Biconvex None 1.12 Convex None Biconvex None 1.13 Convex None Biconvex None 1.14 Straight Biconvex None Biconvex 1.15 Convex None Biconvex None 1.16 Convex None Biconvex None 1.15 Convex None Biconvex None 1.16 Convex None None 1.18 Convex None	23PO359	1-3	Missing	Missing	Irregular	None	None	£
1-5 Concave None Biconvex Bice & stem None None 1-7 Straight None Biconvex None None None 1-7 Straight Ronvex Biconvex None None None 1-8 Convex None Biconvex None None None 1-10 Convex None Biconvex None None None 1-11 Convex None Biconvex None Biconvex None 1-14 Straight Biconvex Stem None None 1-15 Convex None Biconvex Stem None 1-16 Convex None Biconvex None None 1-17 Convex None Biconvex None None 1-18 Convex None None None None 1-19 Convex None None None 1-20 <td< td=""><td>23PO359</td><td><u> </u></td><th>Damaged</th><th>None</th><td>Irregular</td><td>None</td><td>None</td><td>£</td></td<>	23PO359	<u> </u>	Damaged	None	Irregular	None	None	£
1-6 Straight None None None 1-7 Straight Biconvex None None 1-8 Convex None Biconvex None None 1-9 Convex Biconvex None None None 1-10 Convex None Biconvex None None 1-11 Convex None Biconvex None None 1-13 Convex None Biconvex None Biconvex None 1-14 Straight None Biconvex None None None 1-15 Convex None Biconvex None None 1-16 Convex None Biconvex None 1-17 Convex None None 1-18 Convex None None 1-19 Convex None None 1-20 Convex None None 1-21 Damaged	23PO359	1.5	Concure	Sec.	Biconvex	Base & stem	None	£
1-7 Straight Fixonver. None None 1-8 Convex None Biconvex None None 1-10 Convex Biconvex None None 1-10 Convex Biconvex None None 1-11 Convex None Biconvex None 1-13 Convex None Biconvex None 1-14 Straight Biconvex None Biconvex 1-15 Convex None Biconvex None 1-16 Convex None Biconvex None 1-17 Concave None Biconvex None 1-18 Concave None Biconvex None 1-19 Convex None None 1-10 Convex None None 1-10 Convex None None 1-20 Convex None None 1-21 Demaged Paraded strain	23PO359	9-1	Straight	None	Biconvex	None	None	ž
1-8 Convex None None None 1-9 Convex Bloonvex None None 1-10 Convex Bloonvex None None 1-11 Convex None Bloonvex None 1-12 Convex None Bloonvex None 1-14 Straight Bloonvex None Bloonvex 1-15 Convex None Bloonvex None 1-16 Convex None Bloonvex None 1-16 Convex None Bloonvex None 1-17 Convex None Bloonvex None 1-18 Convex None None 1-19 Convex None None 1-10 Convex None None 1-20 Convex None None 1-21 Damaged Paradouvex None 1-22 Convex None None 1-23	23PO359	1.7	Straight		FROOMER	None	None	£
1.9 Convex Biocuvex None None 1.10 Convex Biocuvex None None 1.11 Convex Biocuvex None None 1.12 Convex Flared outward Biocuvex None None 1.14 Straight Biocuvex Siem None 1.15 Convex None Biocuvex None 1.16 Convex None Biocuvex None 1.17 Concave None Biocuvex None 1.18 Concave None Biocuvex None 1.20 Convex None None 1.21 Damaged Flared outvard Biocuvex None 1.22 Convex None None 1.23 Damaged Pendular Biocuvex None 1.23 Damaged Pendular Biocuvex None	23PO359	e p	Convex	None	Biconvex	None	None	ž
1-10 Convex Bionrex None None 1-11 Convex None Bionrex None None 1-12 Convex None Bionrex None None 1-13 Convex None Bionrex Siran None 1-14 Straight Bionrex Siran None 1-15 Convex None Bionrex None 1-16 Convex None Bionrex None 1-18 Concave None Bionrex None 1-18 Concave None Bionrex None 1-19 Convex None None 1-20 Convex None None 1-21 Demaged Flared outvard Bionrex None 1-22 Convex None None 1-23 Damaged Pendular Bionrex None 1-23 Damaged Pendular None	23PO359	1.9	Convex		Bloomer	None	None	£
1-11 Convex Mone Biomera None None 1-12 Convex None Biomera None None 1-13 Convex Flared outward Biomera None None 1-14 Straight Biomera Blade Beving-right 1-15 Convex None Biomera None 1-16 Convex None Biomera Base & stem None 1-18 Concave None Biomera None None 1-18 Convex None Biomera None None 1-20 Convex None None None 1-21 Demaged Flared outvand Biomera None None 1-23 Convex Sconvex None None 1-23 Damaged Fraudular Biomera None 1-24 Outvax None None	23PO359	01-1	Convex		Bicogvex	None	None	£
1-12 Convex None Biconvex None None 1-13 Convex Flared outward Biconvex None None 1-14 Straight Biconvex Sigm None 1-15 Convex None Biconvex Biade Beveling-right 1-16 Convex None Biconvex None None 1-17 Concave None Biconvex None None 1-18 Convex None Biconvex None None 1-20 Convex None Biconvex None None 1-21 Damaged Flared outvard Biconvex None None 1-23 Convex Rodular Biconvex None None 1-23 Damaged Pendular Biconvex None None	23PC359	11-11	Convex		Biconvex	None	None	£
1-13 Convex Flared outward Biccavex None None 1-14 Straight Biccavex Stem None 1-15 Convex None Biconvex Biade Beveling-right 1-16 Convex None Biconvex Rocenvex None 1-17 Concave None Biconvex None None 1-18 Concave None Biconvex None None 1-20 Convex None None None 1-21 Demaged Flared outvard Biconvex None None 1-23 Convex Rodular None None None 1-23 Demaged Pendular Biconvex None None	23PO359	1-12	Convex	None	Biconvex	None	None	ž
1-14 Straight None Biccavex Stem None 1-15 Convex None Biccavex Blade Beveling right 1-16 Convex None Biccavex None None 1-17 Concave None Biccavex None None 1-18 Concave None Biccavex None None 1-20 Convex None None None 1-21 Demaged Flared outvard Biccavex None None 1-23 Convex Biccavex None None 1-23 Demaged Pendular Biccavex None None	23PO359	1-13	Convex	Flared outward	Biconvex	None	None	£
1-15 Convex None Biconvex Blade Beveling-right 1-16 Convex None Biconvex None None 1-17 Concave Cropped Biconvex Base & stem None 1-18 Concave None Biconvex None None 1-20 Convex None None None 1-21 Demaged Flared outvard Biconvex None None 1-22 Convex Biconvex None None 1-23 Demaged Pendular Biconvex None 1-23 Demaged Pendular Biconvex None	23PO359	1-14	Straight		Biccover	Stem	None	£
1-16 Convex None Biconvex None None 1-17 Concave Cropped Biconvex Base & stem None 1-18 Concave None Biconvex None None 1-20 Convex None None None 1-21 Demaged Flared outvard Biconvex None None 1-22 Convex Biconvex None None 1-23 Demaged Pendular Biconvex None None	23PO359	1-13	Convex	None	Biconvex	Blade	Beveling-right	P.50
1-17 Concave Conpod Biconvex Base & stem None 1-18 Concave None Biconvex None None 1-19 Concave None None None 1-21 Damaged Flared outvard Biconvex None None 1-22 Convex Biconvex None None 1-23 Damaged Pendular Biconvex None None	23PO359	1-16	Convex	None	Biconvex	None	None	ž
1-18 Concave None Biconvex Date & stem None 1-19 Concave Biconvex None None 1-20 Convex None None None 1-21 Damaged Flared outvard Biconvex None None 1-22 Convex Biconvex None None 1-23 Damaged Pendular Biconvex None None	23PO359	1-17	Concave	Cropped	Biconvex	Base & stem	None	£
1-19 Concave Biconvex None None 1-20 Convex None None None 1-21 Demaged Flared outvard Biconvex None None 1-22 Convex Biconvex None None 1-23 Demaged Pendular Biconvex None	23PO359	1-18	Concave	None	Bloogvex	Base & stem	None	2
1-20ConvexNoneBiocuvexNoneNone1-21DemagedFlared outvardBicorrexNoneNone1-22ConvexBicorrexNoneNone1-23DemagedPendularBiconvexNoneNone	23PO359	61.1	Concave		Biconvex	None	None	Z
1-21 Dunaged Flared outvard Biconvex None None 1-22 Convex Biconvex None None 1-23 Dunaged Pendular Biconvex None None	23PO359	6 .3	Couvex	None	Bicoevex	Nobe	None	ź
1-22 Convex Biconvex None None 1-23 Demaged Pendular Biconvex None None	23PO359	1-21	Demaged	Flared outward	Bicouvex	None	None	2
1-23 Damaged Pendular Biconvex None None	23PO359	1.22	Convex		Biconvex	None	None	ź
	23PO359	1.33	Damaged	Pendular	Biconvex	None	None	ź

APPENDIX B
Stone tools collected by Howard Wimmer

9 1-24 Straight Biomever None 9 1-25 Missing Missing Biomever None 9 1-25 Damaged Missing Biomever None 9 1-27 Missing Missing Biomever Sign 9 1-25 Concave None Biomever Sign 9 1-31 Missing Missing Biomever Sign 9 1-31 Missing Missing Biomever Sign 1 1-3 Missing Missing Irregular None 1 1-4 Straight None Biomever None 1-10 Straight Missing Missing Biomever Sign 1-11 Missing Missing Biomever Sign 1-12 Missing Missing Biomever Sign 1-11 Missing Missing Missing Missing 1-15 Missing	Site No.	Š		Morphological Attributes (continued)	(page	Modifications		
1.25 Missing Missing Bioowex Nose 1.26 Danaged Missing Bioowex Nose 1.27 Missing Missing Plano-cowex Nose 1.28 Concave Nose Biconvex Siem 1.29 Concave Missing Biconvex Siem 1.20 Concave Missing Biconvex Siem 1.21 Missing Missing Irregular Nose 1.22 Missing Missing Biconvex Nose 1.23 Missing Missing Biconvex Nose 1.24 Nissing Missing Biconvex Nose 1.25 Missing Missing Biconvex Siem 1.11 Missing Missing Biconvex Siem 1.12 Straight Nose Biconvex Siem 1.13 Missing Missing Missing Missing 1.14 Concave Nose Biconvex<	23PO359	1-24	Straight		Bicogret	None	None	2
1-26 Danaged Bionever None 1-27 Missing Missing Missing Placewer None 1-28 Concave None Bionever Stem 1-39 Concave Missing Missing Missing None 1-30 Missing Missing Missing None None 1-4 Straight None Bionever None 1-5 Missing Missing Bionever None 1-10 Straight Placed outward Bionever None 1-11 Missing Missing Bionever None 1-12 Missing Missing Bionever Stem 1-13 Concave None Bionever Stem 1-14 Missing Missing Bionever Stem 1-15 Straight None Bionever Stem 1-16 Concave None Bionever Stem 1-17 Straight	23PO359	1.2	Missing	Missing	Biodevex	None	None	£
1-27 Missing M	23PO359	1.28	Demogra		Biconvex	None	None	ž
1-28 Concave None Hoower Stem 1-29 Concave Hoower Stem 1-30 Concave Hoower Stem 1-3 Missing Missing Hoover None 1-4 Straight None Hoower None 1-5 Missing Missing Missing Missing Missing 1-10 Straight Missing Hoover None 1-11 Missing Missing Hoover None 1-10 Straight Missing Hoover Stem 1-11 Missing Missing Hoover Stem 1-12 Missing Missing Hoover Stem 1-13 Straight None Hoover Stem 1-14 Concave None Hoover Stem 1-15 Missing Missing Irregular None 1-16 Missing Missing Hoover None <	2370359	1-23	Missing	Mirsing	Plano-couvex	None	Unifacial	Ź
1-29 Concave Biconvex Stem 1-30 Checave Bissing Missing	23PO359	1-28	Concave	Note	Biconvex	Stem	None	ž
1-30 Chocave Bloosvez Stem 1-31 Missing Missing Bloosvez None 1-4 Straight None Bloosvez None 1-5 Missing Missing Irregular None 1-6 N/A N/A None Bloosvez None 1-7 Danaged Missing Browvez None Browvez None 1-10 Straight Flaved outward Browvez Stem None 1-11 Missing Missing Browvez Stem 1-12 Missing Missing Browvez Stem 1-14 Concave None Browvez Stem 1-15 Missing Missing Browvez Stem 1-16 Concave None Browvez Stem 1-17 Straight Missing Irregular None 1-18 Ocervez None Browvez None 1-19 Missing </td <td>23PO359</td> <td>2-7</td> <th>Concerve</th> <th></th> <td>Bionevex</td> <td>Stem</td> <td>Note</td> <td>ź</td>	23PO359	2-7	Concerve		Bionevex	Stem	Note	ź
1-31 Missing M	23PO359	1-30	Concave		Biconvex	Stens	None	ź
1.3 Dunnged Flared outward Biconvex None 1.4 Straight None Biconvex Base & stem 1.5 Missing Missing Irregular None 1.6 N/A N/A N/A None 1.1 Damaged Biconvex None 1.10 Straight Flared outward Biconvex Stem 1.11 Missing Missing Biconvex Stem 1.12 Missing Missing Biconvex Stem 1.14 Concave None Biconvex Stem 1.15 Straight None Biconvex Stem 1.16 Concave None Biconvex Stem 1.17 Straight None Biconvex None 1.18 Concave None Biconvex None 1.19 Missing Missing Missing Missing 1.20 Missing Missing Plano-convex None <td>23PO359</td> <td>1-31</td> <th>Mining</th> <th>Missing</th> <td>Biconvex</td> <td>None</td> <td>None</td> <td>ž</td>	23PO359	1-31	Mining	Missing	Biconvex	None	None	ž
1.4 Straight None Biconvex Base & stem 1.5 Missing Missing firequist None 1.6 N/A N/A N/A 1.1 Danaged Biconvex None 1.9 Convex Biconvex None 1.10 Straight Flared outward Biconvex Stem 1.11 Missing Missing Biconvex Stem 1.12 Missing Missing Biconvex Stem 1.14 Concave None Biconvex Stem 1.15 Straight None Biconvex Stem 1.16 Concave None Biconvex Stem 1.17 Straight None Biconvex None 1.18 Concave None Biconvex None 1.19 Missing Missing Irregular None 1.20 Missing Missing Biconvex None 2.1 Straig	23PO360	1:3	Demograd	Flared outward	Biodevex	None	None	ž
1.5 Missing Missing Missing Missing Missing N/A N/A 1.4 Damaged Broavez None 1.9 Convex Biconvex None 1.10 Straight Flared outward Biconvex Stem 1.11 Missing Missing Biconvex Stem 1.12 Missing Missing Biconvex Stem 1.13 Concave None Biconvex Stem 1.14 Concave None Biconvex Stem 1.15 Straight None Biconvex Stem 1.16 Concave None Biconvex Stem 1.17 Straight None Biconvex None 1.18 Missing Missing Irregular None 1.20 Missing Missing Roonvex None 1.21 Missing Missing Roonvex Sem 2.1 Straight Hortzontal	23PO360	1	Straight	None	Biopavett	Base & stem	None	ž
1.6 N/A N/A N/A 1.7 Danaged Bionever None 1.9 Convex Bionever None 1.10 Straight Flared outvard Bionever Sem 1.11 Missing Missing Bionever None 1.12 Missing Missing Bionever Sem 1.13 Concave None Bionever Sem 1.14 Concave None Bionever Sem 1.15 Straight None Bionever Stem 1.16 Concave None Bionever Stem 1.15 Straight Missing Irregular None 1.20 Missing Missing Missing Mose 1.21 Missing Missing Roorvex None 1.22 Missing Missing Roorvex None 2.1 Straight Horizontal Bionevex None 2.2 Concave <td>23P0360</td> <td>1-5</td> <th>Missing</th> <th>Missing</th> <td>Irregular</td> <td>None</td> <td>Nose</td> <td>ž</td>	23P0360	1-5	Missing	Missing	Irregular	None	Nose	ž
1.7 Danaged Biconvex None 1.9 Convex Biconvex Sem 1.10 Straight Flaved outward Biconvex Sem 1.11 Missing Missing Hiconvex None 1.12 Missing Missing Biconvex None 1.13 Concave None Biconvex Stem 1.14 Concave None Biconvex Stem 1.15 Straight None Biconvex Stem 1.16 Concave None Biconvex Stem 1.17 Straight Missing Irregular None 1.20 Missing Missing Hoor Hoor 1.21 Missing Missing Hoor Hoor 1.22 Missing Missing Hoor Stem 2.1 Straight Horizontal Biconvex None 2.2 Concave Asymmetrical Biconvex None <td< td=""><td>23FO360</td><td>91</td><th>¥</th><th>N.V</th><td>N/A</td><td></td><td></td><td>£</td></td<>	23FO360	91	¥	N.V	N/A			£
1.8 Missing Missing Biconvex None 1.10 Straight Flaved outward Biconvex Stem 1.11 Missing Missing Biconvex None 1.12 Missing Missing Biconvex None 1.13 Concave None Biconvex Stem 1.14 Concave None Biconvex Stem 1.15 Straight None Biconvex Stem 1.16 Concave None Biconvex Stem 1.17 Straight Missing Irregular None 1.20 Missing Missing Biconvex None 1.21 Missing Missing Biconvex None 1.22 Missing Missing Biconvex None 2.1 Straight Horizontal Biconvex None 2.2 Concave Asymmetrical Biconvex None 2.4 Damaged Flared outward	2370360	1-1	Damaged		Bionever	None	None	Ź
1.9 Convex Biocovex Stem 1.10 Straight Flaved outward Biocovex None 1.11 Missing Missing Hoose Hoose 1.12 Missing Missing Biocovex None 1.13 Concave None Biocovex Stem 1.14 Concave None Biconvex Stem 1.15 Straight None Biconvex Stem 1.16 Concave None Biconvex Stem 1.17 Straight Missing Irregular None 1.20 Missing Missing Biconvex None 1.21 Missing Missing Biconvex None 2.1 Straight Horizontal Biconvex None 2.2 Concave Asymmetrical Biconvex None 2.4 Damaged Flared outward Biconvex None 2.5 Missing Missing Ricegurex	23PO360	9-1	Missing	Missing	Bloomex	None	None	ž
1-10 Straight Placed outward Biconvex None 1-11 Missing Missing Missing Mose Biconvex None 1-12 Missing Missing Biconvex None Biconvex Siem 1-13 Concave None Biconvex Siem Siem 1-14 Concave None Biconvex Siem 1-15 Straight None Biconvex Siem 1-16 Convex None Biconvex None 1-17 Missing Missing Irregular None 1-21 Missing Missing Biconvex None 1-22 Missing Missing Biconvex None 2-1 Straight Horizontal Biconvex None 2-2 Concave Asymmetrical Biconvex None 2-3 Damaged Flared outward Biconvex None 2-4 Damaged Missing Missing	23PO360	1-9	Convex		Biconvex	Stem	None	Z
1-11 Missing Missing Missing Missing Mose 1-12 Missing Missing Hoosever None 1-13 Concave None Hoosever Stem 1-14 Concave None Hoosever Stem 1-15 Straight None Hoosever Stem 1-16 Concave None Hoosever Stem 1-17 Straight Missing Irregular None 1-20 Missing Missing Hoosever None 1-21 Missing Missing Hoosever Stem 2-1 Straight Horizontal Hoosever Stem 2-1 Straight Horizontal Hoosever Stem 2-2 Concave Asymmetrical Hoosever None 2-3 Damaged Flared outward Hoosever None 2-4 Damaged Missing Missing Missing Missing 4 C	23PO360	1-10	Straight	Flared outward	Biconvex	None	None	ž
1-12 Missing Missing Missing Missing Missing Mose 1-13 Concave None Hooswet Stem 1-14 Concave None Hooswet Stem 1-15 Straight None Hooswet Stem 1-16 Concave None Hooswet Stem 1-17 Missing Missing Irregular None 1-20 Missing Missing Hooswet None 1-21 Missing Missing Hooswet None 2-1 Straight Horizontal Hooswet Stem 2-1 Straight Horizontal Hooswet Stem 2-2 Concave Asymmetrical Hooswet Stem 2-3 Damaged Flared outward Hooswet None 2-4 Damaged None Plano-convex None 2-5 Gorvex None Bloower Base & stem 2-6 Convex <td>23PC360</td> <td>11-11</td> <th>Missing</th> <th>Missing</th> <td>Bicogvex</td> <td>None</td> <td>None</td> <td>Ł</td>	23PC360	11-11	Missing	Missing	Bicogvex	None	None	Ł
1-13 Concave None Hoosever Stem 1-14 Concave None Hoosever Stem 1-15 Straight None Hoosever Stem 1-16 Concave None Hoosever Stem 1-17 Straight None Hoosever Stem 1-18 Corex None Diamond-shaped None 1-20 Missing Missing Irregular None 1-21 Missing Missing Hoosever None 2-1 Straight Horizontal Hoosever Stem 2-1 Straight Horizontal Hoosever Stem 2-2 Concave Asymmetrical Hoosever None 2-3 Damaged Flared outward Plano-convex None 2-4 Damaged None Plano-convex None 2-5 Gorevex None Base & stem 1-6 Convex None Hoose	23PO360	1-12	Missing	Missing	Hodevex	None	None	Z
1-14 Concave None Hoonvex Stem 1-15 Straight None Hoonvex Stem 1-16 Concave None Hoonvex Stem 1-17 Straight Mone Hoonvex None 1-18 Convex None Diamond-chaped None 1-20 Missing Missing Irregular None 1-21 Missing Missing Hoonvex None 1-22 Missing Horizonsi Hoonvex Baconvex Bace & stem 2-3 Concave Asymmetrical Hoonvex Stem 2-4 Damaged Flared outward Baconvex None 2-5 Convex None Baconvex Bace 2-6 Convex None Bace Bace 1-1 Convex None Bace Bace	23PO360	1-13	Concorve	None	Hoogweet	Stem	None	ž
1-15 Straight None Biconvex Stem 1-16 Coccave None Biconvex Stem 1-17 Straight Biconvex None None 1-18 Cocvex None Diamond-thaped None 1-19 Missing Missing Irregular None 1-20 Missing Missing Biconvex None 1-21 Missing Missing Biconvex Base & stem 2-1 Straight Horizonal Biconvex Base & stem 2-2 Concave Asymmetrical Biconvex None 2-3 Damaged Fined outward Biconvex None 2-4 Damaged None Biconvex Base 2-5 Convex None Biconvex Base 1-1 Convex None Biconvex Base	23PO360	1-14	Concave	None	Honevex	Stem	None	Ž.
1.16 Concave None Biconvex Stran 1.17 Straight Bionwex None Diamond-diaped None 1.18 Corexex None Diamond-diaped None None 1.20 Missing Missing Irregular None 1.21 Missing Missing Flano-coavex None 1.22 Missing Horizonal Biconvex Base & stran 2.2.1 Straight Horizonal Biconvex Siem 2.2.2 Concave Asymmetrical Biconvex None 2.2.3 Damaged Flared outward Biconvex None 2.4 Damaged None Placonvex None 2.5 Missing Missing Irregular None 2.5 Convex None Biconvex None	23PO360	1-15	Straight	None	Bloomex	Stens	Nore	2
1.17 Straight Biconvex None 1.18 Corvex None Diamond-diagod None 1.19 Missing Missing irregular None 1.20 Missing Missing irregular None 1.21 Missing Missing Finonevex None 1.22 Missing Missing Finonevex None 2.1 Straight Horizonal Biconvex Sien 2.2 Concave Asymmetrical Biconvex None 2.4 Damaged Flared outward Biconvex None 2.4 Damaged Missing Irregular None 2.5 Missing Missing Irregular None 2.5 Convex None Biconvex None	23PO360	116	Concerve	None	Biconvex	Stem	None	ż
1-18 Corvex None Diamond-dauped None 1-19 Missing Missing Missing Missing None 1-21 Missing Missing Missing Missing Mone 1-21 Missing Missing Pisso-couvex None 2-1 Straight Horizontal Piscouvex Base & stem 2-2 Concave Asymmetrical Biconvex Siem 2-3 Damaged Flared outward Biconvex None 2-4 Damaged None Piano-convex None 2-5 Missing Missing Lirregular None 2-6 Convex None Biconvex None 1-1 Convex None Biconvex None	23PO360	1-17	Straight		Biconvex	None	None	£
1-19 Missing	23PO360	1-18	Convex	None	Dismond-shaped	None	None	ž
1-20 Missing Missing frequer None 1-21 Missing Missing Exonvex None 1-22 Missing Missing Flano-courta None 2-1 Straight Horizontal Biconvex Base & stem 2-2 Concave Asymmetrical Biconvex Stem 2-3 Damaged Flared outward Biconvex None 2-4 Damaged None Plano-courta None 2-5 Missing Missing Irregular None 2-6 Convex None Biconvex Base 1-6 Convex None Biconvex None 1-6 Convex None	23PO360	1-19	Missing	Missing	Irregular	None	None	ž
1-21 Missing Missing Missing Fino-convex None 1-22 Missing Missing Plano-convex None 2-1 Straight Horizontal Biconvex Base & strm 1 2-2 Concave Asymmetrical Biconvex Stem 2-3 Damaged Flared outward Biconvex None 1 2-4 Damaged None Plano-convex None 2-5 Missing Missing Irregular None 1-6 Convex None Biconvex None 1-1 Convex None Biconvex None	23PO360	1-30	Missing	Missing	Irrogadar	None	None	ž
1.22 Missing Missing Plano-courtz None 2.1 Straight Horizontal Biconvex Base & stem 2.2 Concave Asymmetrical Biconvex Stem 2.3 Danaged Flared outward Biconvex None 2.4 Danaged None Plano-courtz None 2.5 Missing Missing Irregular None 2.6 Convex None Biconvex Base 3.16 Convex None Biconvex None 3.17 Convex None	23PO360	1-21	Missing	Missing	Biconvex	None	None	ž
2-1 Stulght Horizontal Hiconvex Base & stem 2-2 Concave Asymmetrical Biconvex Stem 3-3 Danaged Flared outward Biconvex None 1 2-4 Danaged None Plano-convex None 2-5 Missing Missing Irregular None 1-1 Convex None Biconvex None 1-1 Convex None Biconvex None	23PO360	1.2	Missing	Missing	Planto-convex	None	None	ž
2.2 Concave Asymmetrical Biometry Sign 2.3 Danaged Flared outward Biometry Biometry None 1 2.4 Danaged None Plano-convex None Plano-convex None None 2 5 Missing Missing Irregular None Biometry Base 1 5 Convex None Biometry None	23PO360	2-1	Straight	Horizontal	Hoonvex		None	£
2-3 Danaged Flared outward Bionrex None 2-4 Danaged None Plano-convex None 2-5 Missing Missing Irregular None 3-6 Convex Bionrex Base 1-1 Convex None Bionrex None	23PO360	2-2	Concerve	Asymmetrica!	Bicouver	Stem	None	ž
2-4 Danaged None Plano-courex None 2-5 Missing Missing Irregular None 3-6 Convex Bave Biconvex Bave 1-1 Convex None Biconvex None	23PO360	2.3	Demaged	Flared outward	Bionevex	None	None	ž
1 2-5 Missing Missing Irregular None 1 2-6 Convex Base Biconvex Base 1 1-1 Convex None Biconvex None	23PO360	7-7	Demaged	None	Plano-convex	None	None	ž
1-6 Convex Base Biconvex Base Fig. 1-1 Convex None Biconvex None	2370360	2-5	Missing	Missing	Irregular	None	None	ž
f-f Convex None Biconvex None	23PO360	7-6	Convex		Biconvex	Bare	None	ž
	23PO361	I-I	Convex	Noe	Bicogvex	None	None	ž

Stone tools collected by Howard Wimmer APPENDIX B

JIE 140.		200	Morphological Authorities (Contributed)	(man)	A PROPERTY OF		
23PO361	1.2	Convex		Bionever	None	None	Ź
23PO361	1-3	Convex	None	Bicogwex	None	None	Ŷ
23PO361	7	Missing	Missing	Biconvex	None	None	£
23PO361	1.5	Convex	Flared upward	Bloomex	None	None	£
23PO361	9	Straight		Bicogreek	Stera	None	ż
2370361	1:1	Missing	Missing	Irregular	None	3057.	ž
23FO361	\$	Missing	Missing	Inegular	None	None	ž
23PO366	Ξ	Convex	Nose	Bicogwest	None	None	ż
23PO366	1-7	Straight	Nose	Bloomex	Stem	None	ź
23PO366	1-3	Missing	Missing	Irregular	None	None	ź
23PO366	7	Missing	Missing	Irregular	None	None	2
2370366	1:5	Missing	Missing	Irregular	None	None	Ŷ
23PO366	9-1	Convex	None	Bionevex	Nose	Beveling-left	ž
23FO366	1-1	Damaged	Missing	Bicogvex	Stem	None	£
23F0366	9	Straight	None	Bicontex	Stem	None	ž
23PO366	6-1	Straight		Biconvex	Base	None	2
23F0366	1-10	Strafght	None	Biodevex	Stem	None	ź
2370366	11-1	Convex		Bicognet	None	None	ź
23PU366	1-12	Demograd	None	Biconvex	36 2.	None	£
23PO366	1-13	Straight		Bicogwex	Siem	None	ž
2370366	1-14	Straight	None	Bloomex	Siem	None	ź
23PO366	1-15	Demaged		Biconvex	Sien	None	ž
23PO366	91-1	Straight	None	Biconvex	Nose	None	Ž
2370366	1-17	Concrve	None	Biconvex	Stem	None	ž
2370366	1.18	Straight	Nose	Biconvex	None	None	ž
23P0366	1-19	Straight	None	Diamond-shaped	Stem	None	ż
23PO366	1.20	Convex	Flared outward	Diamond-shaped	None	Nobe	ž
23PO366	1-21	Convex		Biconvex	None	None	ž
23PO366	1-12	Convex	None	Bicogwex	None	None	χ̈́α
23PO366	1-23	Recurred	Flared downward	Plano-convex	None	Unifacial	Ź
23PO366	1-77	Missing	Missing	Bionevex	None	None	Ź
23PO366	1-25	Missing	Missing	Biconvex	None	None	ž
23PO366	97-1	Convex	None	Plano-convex	Stem	Unifacial	ž
23PO366	1-27	Convex	None	Biconvex	None	None	ž
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APPENDIX B
Stone tools collected by Howard Wimmer

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23PO366	\$ 7 -1	Convex	None	Раво-совуех	None	Unifacial	ž
2370366	1-30	Damaged		Inegular	None	None	ž
23PO366	1-31	Straight	None	Biconvex	Stem	None	ž
23PO366	1-32	Convex	None	Biconvex	None	None	Ź
23PO366	<u>.</u>	Convex	None	Biconvex	None	None	Ź
23FO366	1-35	Convex	None	Bionrex	None	None	ź
23PO366	1-36	Missing	Missing	Physo-convex	None	Unifacial	ž
23PO370	1-1	Missing	Missing	Irregulac	None	Note	ź
23PO370	1.2	Missing	Missing	Irregular	None	None	2
23PO370	<u>1.3</u>	Missing	Missing	Inegular	None	None	ž
23PO370	<u> </u>	Straight	None	Bloomex	None	Beveling left	ž
23PO370	1-5	Concerve	None	Biconvex	Sten	None	ž
2370370	14	Straight	None	Bloomex	Stem	Nose	ž
23PO370	1-1	Concine	Nose	Biconvex	Stem	None	£
23PO370	•	Concerve	None	Biconvex	Stem	Nose	ž
23PO370	1-9	Straight	None	Biconvex	Notches	None	Ź
2370370	1-10	Rounded	None	Bionevex	Stem	Note	£
23PO370	11-1	Convex		Beconvex	None	None	£
23PO370	1-12	Couvex		Bicouver	Siett	None	£
23PC0370	1-13	Convex	None	Bloomvex	None	None	Ź
23PO370	1.14	Concave	Note	Plago-convex	None	None	£
23PO 370	1-15	Concave	Cropped	Biconvex	Siem	None	ź
23PO370	1-16	Straight	None	Biconvex	None	Nose	£
23PO370	1-17	Straight	None	Bloomex	Bese & stem	Nose	£
23PO370	1-18	Straight	None	Hoogves	Stem	None	Ź
23PO370	1-19	Straight	None	Biopevex	None	Note	£
23PO370	1-30	Straight	None	Biconvex	Base	None	ž
23PO370	1.21	Straight		Biconvex	Base & stem	Note	Ź
23PO370	7.72	Demegod		Biconvex	None	Note	Ź
23PO370	1-23	Straight		Biconvex	None	None	ž
23PO37C	1.7	Concave	None	Biconvex	None	None	£
23PO370	1-25	Straight		Biconvex	None	None	Ź
23PO370	1.26	Demaged		Biconvex	None	None	Ź
23FO370	17:53	Straight		Plano-convex	None	None	Ž
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APPENDIX B
Stone tools collected by Howard Wimmer

Site No.	Cat No.	Morpholog	Cat. No. Morphological Attributes (continued)	(panu)	Modifications		1
23PO370	1.28	Convex		Biconvex	None	None	ž
23PO370	1-30	Convex	None	Diamond-shaped	None	None	£
23PO370	1-31	Straight		Plano-convex	None	None	2
23PO370	1-32	Straight		Bloosvex	None	None	£
23PO370	1-33	Straight		Biconvex	None	Nonc	Ź
23PO370	-	Straight		Biconvex	None	None	£
23PO370	1-35	Straight	Nose	Biconvex	None	None	Ź
23PO370	1-36	Convex	None	Bloomex	None	None	£
23PO370	1.37	Straight	None	Biconvex	Stem	None	Yes
23PO370	X	Straight		Bicogwest	None	None	Z
23PO370	1.39	Convex	Nose	Plano-convex	Nose	None	Yes
23PO370	9	Convex		Biconver	None	None	£
23PO370	1-41	Concave		Biconvex	Nose	None	£
23PO37.0	1-42	Concave	Cropped	Bloomex	None	None	ž
23PO370	1-43	Concerve	Nose	Biconvex	Nose	None	Ya
23PO370	1-4	Concave	Pendular	Plano-convex	None	None	£
23PO370	2	Convex	Seo.	Blconvex	None	None	ž
2320370	1.46	Straight	Z.ae	Bloogver	N. se	None	£
2350370	171	Missing	Missing	Irregular	None	None	£
23PO370	1.48	Missing	Missing	Irregular	Nose	None	ź
23PO370	1-49	Convex	None	Bloomer	None	None	ž
23PO370	1-50	COUNCE	None	Biconvex	None	None	ž
23PO370	1.51	Straight	Noze	Plano-convex	Stem	None	ž
23FO370	1-52	Convex	None	Biconvex	Nose	None	ž
23PO370	1-53	Convex	X 636	Dismond-shaped	Nose	None	£
23PO370	1.54	Convex	None	Biconvex	None	None	£
23FO370	1-55	Convex	None	Bicogvex	None	None	ž
23PO370	1-56	Cogwest	None	Biconvex	None	None	ž
23PO370	1-57	Convex	None	Plano-convex	None	Unifectal	£
23FO370	1	COBVEX	None	Plano-convex	Nose	Unifecial	ž
23PO370	1.60	Coucave		Biconvex	None	None	ź
23PO370	19-1	Missing	Missing	Biconvex	Nose	None	2
23PO370	1-62	Convex	None	Biconvex	None	None	2
2350370	1-63	N/A	N/A	N/A	N/A	Working edge	Z
2350370	2	Missing	Missing	Plano-convex	None	Unifacial	ž

APPENDIX B
Stone tools collected by Howard Wimmer

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23PO370	1.65	Convex	None	Biconvex	None	Nene	£
23PO371	1-1	Straight	Horizonial	Biconvex	None	None	Ź
23PO371	1-7	Convex	None	Plano-convex	None	Unifacial	Ź
23PO371	1.3	Missing	Missing	Irregular	None	None	£
23PO372	1.1	Concave	None	Biconvex	Steria	None	Z
23PO372	1-2	Conceve	Incurved	Biconvex	Stem	None	ž
23FO372	1-3	Concave	Z.B	Biconvex	None	None	Ź
2380372	1.4	Missing	Missing	Irregular	Blade	None	Ź
23PO373	<u></u>	Missing	Missing	Irregular	None	None	Ź
23FO373	1-2	Missing	Missing	Irregular	None	None	Ź
23PO373	9-1	Missing	Missing	I:regular	None	None	Ź
23PO373	6-1	Convex	None	Block ex	Stem	None	Ź
23PO373	1.10	Coavex		Biconvex	Stem	None	ž
23PO 373	1-11	Demeged	None	Biconvex	Base & stem	None	ź
23PO373	1-12	Straight		Biconvex	Slean	None	Ź
23PO373	1-13	Straight		Biconvex	Stem	None	Ž
23PO373	1-14	Demaged		Bicouver	Stem	None	ž
23PC573	1.15	Chavex	None	Biconvex	Stem	None	Ź
23PO573	91-1	Straight	Note	Biconvex	Siem	None	Ź
23PO373	1.17	Straight	None	Bicouver	Nose	None	£
23PO373	81-1	Straight	None	Biconvex	Section	None	ž
23PO373	61-1	Straight	None	Biconvex	None	None	£
22.PO373	1.20	Charmen	Note	Bloomex	None	None	ž
23PO372	1-21	Rounded	None	Bionwax	Stem	None	Ž.
23PO373	1-22	Damaged.	None	Bicouver	Base & stem	None	Ź
2350373	1.33	Missing	Niceing.	Bicouver	Sterm	None	2
23PO372	7.	Convex	None	Biconvex	None	None	£
2370373	1-21	Missing	In Gesting	Rhomboldal	None	Beveling-right	Ź
23PO373	1-26	Straight		Bicogvex	Stett	None	ž
310373	17-1	Damaged		Bicouvex	None	None	ž
13PO373	1-28	Damaged	Flared putward	Bionever	None	None	Ź
23PO373	62-1	Struight	None	Bicouvex	Stem	None	ž
23PO373	1-30	Convex	None	Biconvex	None	Nene	ž
23PO373	1-31	Convex	None	Bicouver	None	None	ž
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APPENDIX B
Stone tools collected by Howard Wimmer

Site No.	S. S.	Morpholog	Morphological Artributes (continued)	(pont	Modifications		1
2310373	I-33	Convex	None	Beconvex	Nose	None	£
23PO373	7	Straight	None	Biconvex	Blade	None	ź
23FO373	1-35	Straight	None	Bicogvex	None	None	ž
23PO373	% :	Convex	None	Biconvex	None	None	ž
2370373	1-37	Convex	None	Plano-convex	None	Unifocial	Ż
23FO373	1-38	Demigad		Irregular	Stem	None	ž
23FO373	1-35	Straight	Nose	Biconvex	None	None	Ź
23PO373	1-40	Concave	None	Rhomboide	Bese & stem	Beveling right	Ź
2370373	1-41	Conceive	Nose	Biconvex	None	Nose	Ź
23FO373	1-42	Convex	None	Biconvex	None	None	ž
23FO373	1-43	Comvex	None	Plano-convex	None	None	Ź
23PO373	1-4	Demogra		Biconvex	None	None	£
2370373	1.45	Dumped	None	Biconvex	None	Nose	ż
23FO373	1-46	Couver	None	Plano-convex	None	Unifacial	Ź
23PO373	1.47	Missing	Missing	Жоовчея	None	Nose	Ź
23PO373	1.48	Convex	None	Bicouvex	None	None	Ž
23PO373	1-49	Straight	None	Pleno-convex	None	Unifacial	Ź.
2370375	1-50	Convex	None	Biconvex	None	None	Ž
2370373	1-51	Convex		Biconvex	None	Nose	ž
23FO373	1-52	Damaged	None	Diconvex	None	None	ž
23PO373	1-53	Straight		Biopavex	None	None	ž
23PO373	1-5	Straight		Plano-convex	Note	Unifacial	£
23PO373	1.55	Straight	None	Biconvex	None	None	ž
23PO373	95-1	Straight		Biconvex	None	None	Ź
23PO373	1-57	Convex	Flared outward	Biconvex	None	None	ž
23PO373	1-58	Straight	None	Biconvex	None	None	Ž
23PO373	1-39	Convex	None	Plano-convex	None	Nose	Ź
23PO373	9-1	Convex	None	Plano-convex	None	None	Ź
23PO373	19-1	Straight		Biconvex	None	None	Ź
23PO373	1-62	Convex	None	Plano-couvex	None	Unifedat	Ž
23PO373	1-63	Cognex	None	Diamond-shaped	None	None	ź
2320373	<u>.</u>	Damaged		Plano-convex	None	Unifacial	ž
23PO373	1-65	Dumaged		Irregular	None	None	ž
23PO373	1	Missing	Missing	Biconvex	None	None	ž
1100111			I.C. Contract			;	;

APPENDIX B
Stone tools collected by Howard Wimmer

23PC-373	1-68	Convex	None	Rhomboidal	None	Beveling left	£
23PO377	(9-1	Courses	None	Plano-convex	None	Unifacial	2
23F0374	1:1	Convex	None	Diamond shaped	Blade	None	ž
2390374	1.2	Couver	Nose	Rhomboidal	None	Beveling right	ź
23PO374	1-3	Corte	Nose	Biconvex	None	None	ž
23PO374	1	Convex	None	Bionever	None	Unifacial	Ž
23PO374	1-5	Convex	Nose	Plano-convex	None	Unifacial	£
2360374	16	Missing	Missing	Irregular	None	auc _N	ž
23PO374	€-1	Straight	None	Biogrea	Stem	N-one	2
23PO374	6-1	Demogra	Flared outward	Biconvex	None	None	ź
23PC374	1-10	Coevex	Nonc	Bicogvex	None	Unifacial	ž
2350374	11-1	Cognes	None	Plano-convex	None	Unifacial	ź
23PO374	1-12	Missing	Missing	Rhomboids.	Blade	Reveling-right	ž
23PO374	1-13	Y / X	ΚN	N/A			Ź
23PO374	1-14	Straight		Biodever	Stem	None	ž
23PO374	1-15	Concave	None	Biconver	None	None	ž
23PO374	1-16	Straight	Flaced outward	Bicogvex	None	None	£
23F0374	1-17	Concerve	None	Bloogver	Stem	None	Ź
23PO375	1.2	Rounded	None	Biconvex	Stem	None	Ź
23PO375	1.5	Demeged	None	Rhomboldat	None	Beveling-right	ž
2350375	7	Concur	None	Bionaves	Stem	None	ž
23PO375	1-5	Couvex	Flared outward	Biconver	None	None	£
23PO375	91	Straight		BKOORVEX	Notre	None	Ź
23P 1375	1-1	Demaged		Bionwex	None	None	£
23FO375	•	Missing	Missing	Plano-convex	None	Unifecial	ž
23PO375	6-1	Missing	Missing	Biccorex	None	None	Ź.
23PO375	1-10	Missing	Missing	Irregular	Note	Nose	£
23PO375	1-11	Missing	Missing	frregular	None	None	ž
23FO375	1-12	XX	X \	N/A			ź
23PO375	1-13	Missing	Mesing	Plano-cocvex	Notes	(Inifacial	ž
23PO375	1-13	Concave	None	Irregular	None	None	£
23PO376	1:1	Concave	None	Biconver	Stem	None	Ź
23PO376	1.2	Straight	None	Biconvex	Stem	None	ž
23PO376	1-3	Straight	None	Biconvex	Stem	None	£
2540000							

APPENDIX B
Stone tools collected by Howard Wimmer

Site No.	Cet No.	Morphologic	Morphological Artributes (continued)	(F3)	Modifications—		1
2380375	1.5	Missing	Missing	Irregular	None	None	Ŷ.
23HO376	91	Missing	Missing	Irregulac	None	None	£
23PO376	1-1	Missing	Missing	Imegular	None	None	£
23PO377	1:1	Mitesing	Missing	Imegular	None	None	£
23PO377	1-3	Missing	Missing	Irregular	None	No.	: 2
23FO377	1-3	Missing	Missing	Inegular	None	None	£
2370377	7	Missing	Missing	Ucknown	None	No Be	£
2370377	9	Excurvate	None	Plano-convex	Stem	Unifactel	£
23PO377	1-1	Straight	None	Bloouvex	Nose Nose	Zone	£
23PO377	₹	Court	None	Hoonvex	None	None	2
23PO377	1-9	Convex	None	Bicogvex	None	None	Z
23PO377	1-10	Convex	None	Plano-corvex	Noue	Unifacial	ž
23PO377	1-11	Convex	None	Irregular	Stem	None	2
23PO377	1-12	Straight	None	Biconvex	None	None	ż
23PO377	1-13	Straight	None	Biconvex	Nose	None	ž
23F0377	1. [4	Missing	Missing	Beconser	None	None	ž
23PO377	1-15	Straight	Nose	Plano-convex	None	Unifacial	ź
23PO377	1-16	Straight	None	Biconvex	Stem	None	ž
23PO377	1-17	Stratght	None	Elcouvex	Stem	None	£
23PO377	1.18	Missing	Missing	Bicoevex	None	None	£
23FO377	1-19	Concerve	Flared downward	Biconvex	Bese	Nobe	ž
23PO377	1-20	Convex	None	Biconvex	None	None	ž
23FO377	17-1	Concave	None	Bloonvex	None	None	£
23PO377	1-2	Concave	None	Bloonvex	Stem	l-ose	ž
23PO377	1-23	Straight	None	Bicouvex	None	None	ž
23PO377	1.24	Straight	None	Biconvex	None	Zore Zore	£
23PO377	1-25	Straight	None	Biconvex	None	None	2
23PO377	1.26	Straight	None	Biconvex	None	Unifacial	Ŷ.
23PO377	1.11	Concarve		Biconvex	Stem	Nose	3 2.
23FO377	1-28	Straigh:		Biconvex	None	None	¥
2380377	62:1	Straight		Riconvex	Stem	Reveling-right	ž
23PO377	1-30	Simight		Plano-convex	Stem	None	ž
23PO377	1.31	Convex	None	Siconvex	Base	None	ž
23FO377	1-32	Straight	Asymmetrical	Biconvex	None	None	ž
23PO377	1.33	Strzight		Biconvex	Base & stem	None	Š

APPENDIX B
Stone tools collected by Howard Wimmer

		Corvex None Bic Dillaged Bic Bic	Bionavex	None	None None	žž
	~ ~ v, v, _	None	Bionavex	None	None	ž
	v, v,					
	0 , 0 , –		Bisogvex	None	None	Ž
	y , —	None	Plano-convex	Kore	None	ź
	_	Noge	Rhomboids!	None	Beveling-left	Ž
			Biconvex	None	None	£
	Convex	None	Biconvex	None	None	£
	Convex	Flared outward	Biconvex	None	7. 26.	£
	Damaged	Flared outward	Bloomex	None	None	ž
23FO377 1-43	Concave	None	Bicogvex	None	None	£
23PO377 1-44	Missing	Missing	Biconvex	None	Nou	£
23F0377 1-47	Convex	Nobe	Biconvex	None	None	Ŷ
23PO377 1.48	Cogvex	None	Bloomex	None	None	£
23PO377 1.49	Cogwex	Nose	Biconvex	None	None	£
23PO377 1-50	Convex	None	irregular	None	None	£
23PO377 1-51	Convex	None	Plano-convex	None	Unifecial	£
23PO377 1-52	Mesing	Missing	Plano-convex	None	Unifedal	Ł
23170377 1-53	Convex	None	Imegalar	None	Unifedal	£
23PO377 1-54	Missing	Missing	Plano-convex	None	Unifedal	ž
23PO378 1-1	Mireing	Missing	Irregular	None	Notic	ž
23PO378 1-2	Convex	None	Biconvex	None	None	ź
23PO378 1-3	Straight	None	Biconvex	None	None	£
23PO378 1-4	Convex		Plano-convex	None	None	Ź
2.1 8750312	Missing	Missing	Biconvex	None	None	£
23PO379 1-1	Convex		Biconvex	Base	Nose	£
23PO379 1-2	Convex	None	Biconvex	None	None	£
23PO379 1-3	Concave	Flared downward	Biconvex	Base & stem	None	ž
23PO379 1-4	Convex		Вісопуєх	Stem	None	ž
23PO379 1-5	Missing	Mirsing	Irregular	Zone Zone	None	Z
23PO380 1-1	Concave	Straight-sided	Bloomvex	Base & stem	None	Ź
2370380 1.2	Conver	None	Biconvex	None	None	£
23PO380 1-3	Convex		Biconvex	Base & stem	None	Z
23PJ380 1-4	Convex		Biconvex	None	None	ž
23PO380 1-5	Convex	None	Biconvex	Base & stem	None	ž
23PO380 1-6	Damaged	None	Biconvex	None	None	ž

APPENDIX B
Stone tools collected by Howard Wimmer

1-7 Quinched None None	Site No.	Car No.	Mor, bologic	Mor, bological Aftributes (continued)	(pan	Modifications		
1-8 Straight None Plano-convex Sem None None 1-9 Missing	231-0380	1-1	Pounded	None	Nonvex	None	None	£
1-9 Missing 2370380	∞ ?	Straight	None	Plano-convex	Stem	None	£	
1-10 Straight None Biconvex None None None 1-11 Dunaged Biconvex None None None None 1-12 Dunaged Biconvex None None None None None None Biconvex Sem None None Biconvex Sem None Sem None Biconvex None None None Sem None None Sem None Sem None Sem None Sem Sem None Sem Sem	23PO380	6-1	Missing	Missing	Irregular	None	None	ž
1-11 Damaged Biconect None None 1-12 Damaged Biconect None None 1-13 Straight None Biconect None None 1-14 Convex None Biconect None None 1-15 Missing Missing Plano-convex None Unificial 1-15 Missing Missing Plano-convex None Unificial 1-1 Concave None Plano-convex None Unificial 1-1 Concave None Plano-convex None Plano-convex 1-2 Concave None Blocavex None Plano-convex 1-3 Missing Missing Irregular None None 1-1 Missing Missing Biconvex None None 1-1 Romeded None Biconvex None None 1-11 Romeded None Biconvex None	23PO380	01-1	Straight	None	Bicognet	None	None	£
1-12 Damaged Biconvex None None 1-13 Straight None Biconvex None None 1-14 Convex None Biconvex Skm None 1-15 Straight None Biconvex Skm None 1-16 Missing Missing Plano-convex Skm None 1-1 Conceve None Plano-convex Skm None 1-2 Conceve None Plano-convex None Plano-convex 1-3 Missing Missing Biconvex None None 1-4 Nissing Missing Irregular None None 1-5 Missing Missing Irregular None None 1-6 Straight None Biconvex None None 1-10 Convex None Biconvex None Unifical 1-11 Rouncex None Biconvex None Uni	23FO380	1-11	Demaged		Biconvex	None	None	٥.
1-13 Straight None Biconvex None None 1-14 Convex None Rhorzholdal None Biconvex 1-15 Straight None Biconvex Stran None 1-16 Missing Missing Phaso-convex None Beviling-left 1-2 Concave None Phaso-convex None Beviling-left 1-3 Missing Missing Missing None Beviling-left 1-4 N/A N/A N/A None None 1-5 Missing Missing Hirsplat None None 1-6 Convex None Biconvex None None 1-10 Convex None Biconvex None None 1-11 Rounded None Biconvex None None 1-12 Convex None Biconvex None Unifical 1-13 Convex None Biconvex	23PO380	1-12	Damaged		Biconvex	None	None	ž
1-24 Convert None Rhoerholdal None Bissing right 1-15 Straight None Bissing Plaso-convex Stra None 1-16 Missing Missing Missing None Unifacial 1-2 Concave None Plaso-convex Stra Unifacial 1-3 Missing Missing Bromvex None None 1-4 N/A N/A N/A None None 1-5 Missing Missing Missing None None 1-6 Convex None Biconvex None None 1-7 Missing Missing Missing None None 1-7 Missing Missing Missing None None 1-7 Missing Missing Missing None None 1-1 Convex None Biconvex None None 1-14 Convex None Biconvex <td>23F0380</td> <td>1-13</td> <th>Straight</th> <th>None</th> <td>Biconvex</td> <td>None</td> <td>None</td> <td>£</td>	23F0380	1-13	Straight	None	Biconvex	None	None	£
1-15 Straight None Biconvex Stem None 1-16 Missing Missing Plano-convex None Unifacial 1-1 Concave None Plano-convex Stem Unifacial 1-2 Concave None Plano-convex Stem Unifacial 1-3 Missing Missing Bicsing Hone None 1-4 N/A N/A N/A None None 1-5 Missing Missing Inregular None None 1-6 Convex None Biconvex None None 1-10 Convex None Biconvex None None 1-11 Rounded None Biconvex None Unifacial 1-12 Convex None Biconvex None None 1-13 Convex None Biconvex None Unifacial 1-14 Convex None Biconvex None </td <td>23PO380</td> <td>1:1</td> <th>Conver</th> <th>None</th> <td>Rhornboidel</td> <td>None</td> <td>Browning right</td> <td>£</td>	23PO380	1:1	Conver	None	Rhornboidel	None	Browning right	£
1-16 Missing Missing Plano-convex None Unifacial 1-1 Concave Noise Rhomboldsi None Beveling-left 1-2 Concave Noise Fine-convex Sen Unifacial 1-3 Missing Missing Biconvex None None 1-4 N/A N/A N/A None None 1-5 Missing Missing Missing Missing None None 1-6 Convex None Biconvex None None 1-7 Missing Missing Missing Missing None None 1-8 Convex None Biconvex None None None 1-10 Convex None Biconvex None Unifacial 1-11 Rounded None Biconvex None Unifacial 1-12 Convex None Biconvex None Unifacial 1-13 C	2350380	1-15	Straight	None	Bicogvex	Stren	None	ż
1-1 Concave Rhomboidat None Beveling-left 1-3 Missing Missing Missing Missing Missing Missing Missing More None None 1-4 N/A N/A N/A N/A None Unitized None None None None None None None None None	23PO380	1-16	Missing	Missing	Plano-convex	None	Unifacial	£
1-2 Concave Noise Plano-convex Stern Unificial 1-3 Missing Missing Missing Missing Noise None 1-4 N/A N/A N/A None None 1-5 Missing Missing Irregular None None 1-6 Missing Missing Missing Nissing Nissing 1-7 Missing Missing Irregular None None 1-8 Corexx None Bionvex None None 1-10 Corexx None Bionvex None None 1-11 Rounded None Bionvex None None 1-12 Corexx None Bionvex None None 1-13 Corexx None Bionvex None Unificial 1-14 Corexx None Bionvex None None 1-15 Corexx None Plano-corexx <	23PO381	1:1	Concerve		Rhomboldei	None	Beveling-left	£
1-3 Missing Missing Missing Missing Missing Missing N/A N/A None None </td <td>23PO381</td> <td>1.2</td> <th>Concave</th> <th>Note</th> <td>Plane-convex</td> <td>Stens</td> <td>Unifecial</td> <td>£</td>	23PO381	1.2	Concave	Note	Plane-convex	Stens	Unifecial	£
1.4 N/A N/A N/A None None 1.5 Missing Missing Irregular None None 1.6 Missing Missing Missing Missing None None 1.7 Missing Missing Missing Missing None None 1.9 Coarvex None Bioarvex None None 1.10 Coarvex None Bioarvex None None 1.11 Rounded None Bioarvex None None 1.12 Coarvex None Bioarvex None None 1.13 Coarvex None Bioarvex None Unifacial 1.14 Coarvex None Bioarvex None Unifacial 1.15 N/A N/A None Unifacial 1.15 Coarvex None Bioarvex None None 1.10 Coarvex None Bioarvex None<	23PO381	1-3	Missing	Missing	Biconvex	Nose	None	2
1.5 Missing Missing Integular None None 1.6 Missing Missing Missing Nissing None None 1.7 Missing Missing Irregular None None None 1.9 Straight Nore Biomwax None None None 1.10 Corwax Noue Biomwax None None None 1.11 Rounded None Biomwod-shaped None None None 1.12 Corwax None Biomwod-shaped None None None 1.13 Corwax None Biomwax None Unificial None 1.14 Corwax None Biomwax None Unificial 1.14 Corwax None Biomwax None Unificial 1.15 N/A None Biomwax None None 1.17 Corwax None Rhone None <td>23PO381</td> <td>7</td> <th>×</th> <th>N/A</th> <td>K/A</td> <td>None</td> <td>None</td> <td>ž</td>	23PO381	7	×	N/A	K/A	None	None	ž
1-5	2370381	1-5	Missing	Missing	Inegular	None	None	£
1-7 Missing Missing Irregular None None 1-8 Courvex None Bionrvex None None 1-9 Straight None Bionrvex None None 1-10 Courvex None Biconrvex None None 1-11 Rounded None Diamond-shaped None None 1-12 Corvex None Biconrvex None None 1-13 Corvex None Biconrvex None Unifacial 1-14 Corvex None Biconrvex None Unifacial 1-15 N/A N/A N/A None Unifacial 1-16 Rounded None Biconrvex None Unifacial 1-17 Corvex None Biconrvex None None 1-18 Corvex None Biconrvex None None 1-19 Corvex None Riconrvex None	23PO381	9	ı	•	Biccurex	None	None	2
1-6 Courvex More Biomwex None None 1-9 Straight None Biomwex None None 1-10 Courvex None Biomwex None None 1-11 Rounded None Diamond-staped None None 1-12 Corvex None Biomwex None None 1-13 Corvex None Biomwex None Biode 1-14 Corvex None Biomwex None Unitacial 1-15 N/A N/A N/A None Unitacial 1-16 Rounded None Unitacial Unitacial 1-16 Rounded None Unitacial Unitacial 1-17 Convex None Biomwex None None 1-19 Convex None Biomwex None None 1-20 Straight None Biomwex None None 1-24 <td>23PO381</td> <td>1.1</td> <th>Missing</th> <th>Missing</th> <td>Irregular</td> <td>None</td> <td>Nobe</td> <td>£</td>	23PO381	1.1	Missing	Missing	Irregular	None	Nobe	£
1-9 Straight Note	2350381	9 2	Convex	Nose.	Bionivex	None	Nobe	£
1-10 Coavex Noue Bicoavex None None None 1-11 Rounded None Bicoavex None N	23PO381	6-1	Straight	None	Bloomvex	ž,	None	£
1-11 Rounded None Biconvex None	23PO381	1.10	Convex	Noue	Biconvex	None	None	£
1-12 Corvex None Diamond elaged None None 1-13 Corvex None Rhomboldal Blade Reveling-left 1-14 Corvex None Bloorvex None Unifacial 1-15 N/A N/A N/A None Unifacial 1-16 Rounde-2 None Bloorvex None Unifacial 1-16 Rounde-2 None Bloorvex None None 1-17 Corvex None Rhonce None 1-18 Corvex None Rhonce None 1-19 Corvex None Rhonce None 1-20 Straight None Bloorvex None Reveling-left 1-21 Convex None Bloorvex None None 1-22 Straight None Bloorvex None None 1-24 Pointed None None None 1-25 Dannand	23PO381	11-11	Rounded	None	Bicogwex	None	None	Ź
1-13 Convex None Rhomboldal Blade Reveling-left 1-14 Convex None Biconvex None Unifacial 1-15 N/A N/A None Unifacial 1-16 Rounde-1 None Riconvex None Unifacial 1-17 Convex None Biconvex None None None None 1-18 Convex None Rhomboldal None Reveling-left 1-20 Straight None Biconvex None Reveling-left 1-21 Convex None Biconvex None Reveling-left 1-22 Straight None Biconvex None None None 1-23 Straight None Biconvex None None None None 1-24 Polated None Biconvex None Non	23PO381	1-12	Corvex	None	Diamond-shaped	None	None	£
1-14 Corrvex None Bicorvex None Unifacial	23PO381	1-13	Convex	None	Rhomboldal	Blade	Beveling left	£
1-15 N/A N/A N/A N/A None Unifacial None Unifacial Unifacial None Unifacial Unifacial None Unifacial Unifacial None Unifacial Unifaci	23PO381	1-64	Couvex	None	Biconvex	None	None	£
1-16 Rounder	1310381	1-13	4 /2	V/V	N/A	None	Unifacial	ž
1-17 Convex None Biconvex None None 1-18 Convex None Biconvex None None 1-19 Convex None Plano-convex None None 1-20 Straight None Biconvex Strn None 1-22 Straight None Biconvex None None 1-23 Straight None Biconvex None None 1-24 Pointed None Biconvex None None 1-25 Damased None None None	23PO381	1-16	Rounde-7	None	Plano-convex	None	Unifacial	£
1-18 Convex None Bionvex None None 1-19 Convex None Plano-convex None None 1-20 Straight None Biconvex Stem None 1-22 Straight None Biconvex None None 1-23 Straight None Biconvex None None 1-24 Pointed None Biconvex None None 1-25 Damaged None None None	2370381	1-17	Convex	None	Biconvex	None	None	£
1-19 Couvex None Plano-convex None None 1-20 Straight None Rhomboldal None Eveling-left 1-21 Convex Biconvex None None 1-22 Straight None Biconvex None None 1-23 Straight None Biconvex None None 1-24 Pointed None Biconvex None None 1-25 Damaged None Biconvex None None	23PO381	1-18	Convex	None	Biconvex	None	None	Ź
1-21 Convex Biconvex None Eveling-left 1-22 Straight None Biconvex None None 1-23 Straight None Biconvex None None 1-24 Pointed None Biconvex None None 1-25 Damaged None Biconvex None None 1-25 Damaged None Biconvex None None	23PO381	1-19	Convex	None	Plano-convex	None	None	£
1-21 Convex Biconvex Stem None 1-22 Straight None Biconvex None None 1-23 Straight None Biconvex None None 1-24 Pointed None Biconvex None None 1-25 Darmand None Biconvex None None	23PO381	1-20	Straight	None	Rhombolds	None	Eleveling left	£
1-22 Straight None Biconvex None None 1-23 Straight None Biconvex None None 1-24 Pointed None Biconvex None None 1-25 Damaged None Biconvex None None	23PO381	1-21	Convex		Biconvex	Sten	None	ž
1-23 Straight None Biograph None None None 1-24 Pointed None Biograph None None None None None None None None	23PO381	1-22	Straight		Biconvex	Z de	Nor	Ź
1-24 Pointed None Biconvex None None	23PO381	1-13	Straight	None	Bicogvex	None	None	ź
1.74 Damsond None Bioutvex None None	23PO381	1-24	Pointed	Nose	Biconvex	None	None	2
	23PO381	1.23	Damaged	None	Biougues	None	No Be	· &

APPENDIX B
Stone tools collected by Howard Wimmer

Site No.	CEL Po.	MOTORON	Morpeological Attributes (confinence)	ned)	MODE CERTIFICATION		1
23FO381	12-3	Convex	None	Biconvex	None	None	ž
23PO381	1.27	Concerve	Flared downward	Biconvex	Stem	None	ź
23PO381	1-28	Concure	Flared outward	Bicoavex	None	None	ž
23PC381	1.29	Concave	Flared downward	Diconvex	Stem	None	Z
23PO381	1:30	Straight		Biconvex	None	None	£
23,7038[15-1	Damaged	None	Bloomer	None	Beveling left	ž
23PO381	1-32	Straight	None	Paso-coerex	None	None	Ž
23PO381	1-33	Dansged	None	Bicoevez	Stern	None	.
2370381	¥-1	Missing	Missing	Bloomex	None	None	ž
23PO381	1-35	Missing	Missing	Bicoevex	None	None	5
23PO381	1-36	Stratigat	None	Biconvex	None	None	ž
23PO381	1-37	Straight	Horizontal	Plano-convex	None	None	ž
23PO381	9 2	Straight	fortioetal	Biconvex	Nonc	None	Ł
23PO381	*-	Concave	None	Biconvex	None	None	ž
23PO3&1	1 40	Concure	Pointed	Plano-convex	None	None	Ž
23FO381	7	Couver	None	Bicoavex	None	None	ž
2370381	1-42	Straight	None	Biconvex	None	None	Ź
23PO381	1-43	Straight	Note	Bloomer	Lone	Non	ź
23PO381	1	Convex	Nose	Dismond shaped	None	None	£
23-0381	1.	Correx		Biconvex	None	None	Ž
23PO381	1.46	Straight		Biconvex	None	None	ž
23PO381	1.47	Couvex	None	Bicogvex	None	None	Yes
23PO381	1-48	Cornex	None	Plano-convex	None	None	Ϋ́ς
23PO381	1-49	Convex	Nose	Bloosvex	None	None	ź
2370381	1-30	Couvex	None	Plano-convex	None	None	× 3
2320381	1-51	Demaged		Biconvex	None	None	ž
2320381	1-52	Mixing	Missing	Biconvex	None	None	ź
23PO381	1-53	Missing	Missing	Brootex	None	None	Ya
23PO381	1-54	Missing	Missing	Plane-convex	None	None	ź
2210382	Ξ.	Concieve	incur ved	Biconvex	Sterr	None	ž
23PO382	1.2	Wissing	Priestra September 1	Biconvex	None	None	ž
23PO382	1-3	Missing	Missing	Niconvex	None	None	ž
23PO382	<u> </u>	Convex	None	Plane-convex	Pase	Unifacial	Ž
23FO382	1.5	Missing	Missing	Biconvex	None	None	ž
100.000	•		M::-	Ė	;		

APPENDIX B
Stone tools collected by Howard Wimmer

Site No.	Cat. No.	Morpholog	Morphological Attributes (continued)	(panu	Modications	24	
23FO382	1.7	Strufght	Nose	Bicogvex	None	None	ž
23PU382	9	Straight	None	Bicon :x	Stem	None	ž
23PO382	6-1	Struight	None	Plano-convex	None	None	ž
23PO383	1:1	X /X	%	N/A	None	None	Z
23PO383	1.2	Missing	Missing	Irregulae	None	None	ž
23PO383	1:3	Missing	Mireing	Bionavex	Nor	Nove	2
23PO383	7	None	None	Plano-convex	None	None	Z
23PO383	<u>5:</u>	Convex	None	Bicogwex	Zone	Note	ģ
2350383	9	Convex	None	хэмвоо-осид	2 00.	Unifacial	ž
23PO383	1.7	Convex	Nose	Bicurren	None	Nors	ž
2370383	8-1	Convex	None	Bicogwest	None	None	2
23PO383	6:1	Missing	Missing	Biconvex	2	None	ž
23PO383	1-10	Conver	Nose	Diamond-shaped	Blrde	Nor.	ź
23PO383	1-11	Straight	Hortzontal	Bicogress	None	None	£
2370383	1-12	Concerve		Bicogvex	None	None	ž
23PO383	1-13	Straight		Biconvex	None	None	ž
23PO383	1-14	Straight		Bionwex	Zone	None	ž
23PO383	1-15	Straight	Nose	Plano-convex	None	None	ž
:3PO383	1-16	Couvex		Bicogvex	Base	None	ž
23PO383	1-12	Convex		Biconvex	Nose	None	ż
23PO383	1-18	Straight		Biconvex	Nose	None	ž
23PO383	1-19	Convex		Bicogvex	None	None	ž
23PO383	1.20	Straight	None	Bloonvex	None	None	£
23PO383	1-71	Straight	None	Biconvex	None	None	£
23PO383	1:22	Straight		Biconvex	200	None	ź
23PO383	1.1	Convex		Biconver	Kope	None	£
23PO383	1-24	Straight		Bioperex	None	Péone	£
23PO383	1.23	Straight		l iconvex	None	None	£
25,70383	1-36	Concerve	Flared outward	Numer	None	None	£
23PO383	1-11	Concerve		Phomboidal	Zone Zone	Beveling-left	£
23PO383	1-28	Straight		Biconvex	Base	None	ž
2370383	1-33	Convex	None	Biconvex	Stem	None	£
23PO383	1-30	Straight	None	Bionvex	Base	None	ž
2370383	1.31	Missing	Missing	Biconvex	None	None	ź
1110101			,	è	N.		

APPENDIX B
Stone tools collected by Howard Wimmer

Site No.	Cet. No.		Morphological Attributes (continued)	(pan	Modifications		
2380383	1-33	Demograd	Nose	Bicogrega	None	None	۲a
23PO383	¥.:	Demaged	None	Bicogvex	None	None	ž
23PO383	1-35	Demograd	Missing	Diconvex	None	None	£
23P0383	- 1	Straight	Nose	Biconvex	None	None	2
23PO383	1-37	Conver	None	Plano-convex	None	Unifacial	ž
23PO383	1-38	Demograf	Missing	Bicogwax	None	None	£
23PO383	1-30	Damaged	Missing	Bloomvex	Blade	None	£
23PO383	1.40	Damaged	Mireing	Rhomboidal	None	Beveling-right	£
23PO383	1.41	Straight	None	Plane-cogivex.	Base & stem	Nose	£
23PO383	1-42	Dumaged	Missing	Hoogwex	Sten	None	2
23PO383	1-43	Missing	Missing	irregular	None	None	2
23PO363	1	Mineing	Missing	Bloogvex	None	None	Ź
2370383	1-45	Convex	None	Bicogress	Nose	None	2
23PO383	4	Convex	None	Plano-convex	None	None	£
23P0383	(Demograd	Non	Plano-convex	None	Unifacial	ž
23PO383	# * -	Missing	Missing	Plano-convex	Siem	Unifacial	Z
23PO38?	64-1	¥2	WA WA	N/A	None	Unifecial	£
2370384	1:1	Convex	Nose	Bloomvex	None	None	2
23PO384	1-2	Straight		Bloomex	None	None	£
23PO384	1-3	Convex		Biconvex	None	None	₽.
2350384	4 1	Missing	Missing	Biconvex	None	Notes	£
2310385	1-1	Convex		Bloogvex	None	None	£
23FO385	2:3	Missing	Missing	Biconvex	None	None	£
23PO385	1-3	Straight		Inegular	Base	Nose	Ź
23PO385	7	Missing	Missing	Biconvex	Note	None	Z
23PO385	1-5	Straight	None	Bicoever	Note	Non	Ž.
23PO385	1.6	Convex	None	Blooevex	Zone	None	£
23PO386	1:1	Recurred		Bicouver	None	None	2
23PO386	1-7	Concave	Z)	Biconvex	Base & stem	None	2
23PO386	1-3	Dentaged		Biconvex	None	None	£
23PO386	1-5	Missing	Missing	Biconvex	None	None	£
23PO336	9-1	Missing	Missing	Unknown	Birt	Nobe	Z
23PO387	1-1	Straight	None	Bicouvex	Stem	None	ź
23PO387	1.2	Missing	Missing	Bicouvex	Blade	Note	£
23PO387	7	Missing	Missing	Plano-couvex	None	None	ź

APPENDIX B
Stone tools collected by Howard Wimmer

Site No.	Cat. No.	l	Morphological Artributes (continued)	(pan	Modifications		
23PO388	1-1	Missing	Missing	Bicogwex	None	None	£
23PO388	1-2	Convex	None	Bicogwex	None	None	ź
23P0388	1-3	Couver	None	Bicogvex	Base	None	ž
23PO388	7	Missing	Missing	Bicogvex	None	None	2
23PO388	1-5	Straight	Flared outward	Biodevex	None	None	Z
23P0388	9-1	Missing	Missing	Bicogvex	None	None	£
23FO388	1-1	Convex		Biosevex	None	None	£
23FO388	9	Straight		Bicogress	Base & stem	None	£
23P0388	1.9	Demograd	Missing	Bicogwest	None	None	£
23FO388	1-10	Straight	None	Bicogress	None	Noue	2
23FO388	11-11	Recurved	Flared downward	Bloomvex	None	None	ž
23PO388	1-17	Struight		Bloogwer	None	None	2
23PO388	1-13	Couvex	None	Plano-convex	None	None	£
23PO388	1-14	Convex	None	Bloogver	None	None	£
23PO388	1-15	Convex		Biconvex	None	None	£
23PO389	1-1	Straight	Flared outward	Bicogwex	Stem	None	£
23PO389	1-2	Straight	None	Biconvex	Stem	None	£
23PO389	1-3	Conceive	Straight-sided	Bicouvex	Stem	None	ž
23PO389	7	Straight	None	Plane-convex	None	Unifecial	£
23PO389	1-5	Missing	Missing	Bloomvex	None	Pione	Ź
23PO389	91	Missing	Missing	Bloogvex	Nose	None	£
23PO389	1-1	Missing	Missing	Biconvex	. sow	None	£
23PO390	1-1	Missing	Missing	Biconver	None	None	Ź
23PO390	1-2	Missing	Missing	Bicouvex	None	None	2
23PO390	1.3	Missing	Missing	Bloomvex	None	None	£
2370391	1:1	Recurved	Flared outward	Biconvex	None	None	ž
23PO391	1-2	Missing	Missing	Bicogvex	None	None	£
23PO391	1-3	Straight	Flared outward	Bicouver	None	None	£
23PO391	7	Crecave		Biconvex	None	None	£
23FO391	1-5	Damaged	Missing	Biconvex	None	None	ž
23PO391	1-6	Missing	Mesing	Bicogvex	None	None	£
23PO391	1.1	مرا ساه	Missing	Biconvex	None	None	£
23PO394	1-5	Missing	Missing	Biconvex	None	None	ž
23PO394	91	Rounded	None	Biconvex	None	None	2
2300394	1-1	Missing	Missing	B' onvex	None	Distal	ź

APPENDIX B
Stone tools collected by Howard Wimmer

Site No.	Cer %		Morphological Attributes (continued)	(pan	Modifications		-
23PO394	4	Missing	Missing	Bionavez	Edge	Distal	ž
23PO394	3· -	ž	K/A	N/A	None	Unifacial	ž
23PO394	1-10	Missing	Missing	Biconvex	None	Bifacial	ž
2370394	1-1	Missing	Missing	Biconvex	None	None	£
23PO394	1.12	A Cincing	Missing	Biodevex	None	None	£
23PO394	1-13	Missing	Missing	Rhombolds!	None	1 Fift	Ź
23PO394	1-14	Ę		Plano-convex	None	None	£
23PO394	1-13	Missing	Missip	Biodevex	None	None	Ł
23PO394	1-16	Convex	None	Biogrex	Sign.	Unitacial	ź
23PO394	1-17	Missing	Missing	Plano-convex	None	Unifacial	£
23PO394	81-1	Missing	Missing	Plano-convex	None	Unifecial	ž
23PO394	1-19	Concine	Straight-sided	B' navex	Stem/base	Bifacial	ź
23PO394	1-20	Concine		Beconvex	Straybase	Unifecial	Ł
23PO394	17-1	Concerve	Flared downward	Bicogvex	Stem/base	None	Ł
23FO394	1-22	Concine	Chopped	Biconvex	Stem/base	None	£
23FO394	1-23	Rounded	None	Biconvex	Strm/base	None	£
23PO394	7-1	Concave	Nose	Biconvex	None	Nobe	ź
23PO394	1-25	Rounded	None	Plano-convex	Stem/base	None	Ź
23PO394	1-26	Straight	None	Bicogrex	Stem/base	None	Ź
23FO394	1-27	Straight	None	Biconvex	Nose	None	£
23PO394	1.28	Straight	None	Bicogreex	Stem/base	None	£
23PO394	23	Convex		Biconvex	Base	None	ž
23PO394	1-30	Straight	Nose	Biconvex	Sterm	None	£
23PO394	1-31	Concave	Cropped	Bicogvex	Basal	None	ź
23PO394	1-32	Concave	Pendular	Biconvex	None	None	ž
23PO394	1-33	Concine	Flared downward	Bicogvex	Stem	None	£
2370394	<u> </u>	Damaged		Biconvex	None	None	ž
2370394	1-35	Straight		Biconvex	None	None	ž
23PO394	1-36	Concave	Flared outward	Biconvex	Slem	None	ż
23PO394	1-37	Concave		Diamond-shaped	Stem	None	£
23PO394	1-38	Straight		Bicogvex	Stem/base	None	ž
2320394	1-39	Concave		Biconvex	Base	None	ž
23PO394	1-40	Concave		Biconvex	Stem/base	None	ž
23PO394	1-41	Straight		Bicouvex	Stem	None	2
23PO394	1-42	Concave		Biconvex	None	None	-2

APPENDIX B
Stone tools collected by Howard Wimmer

Site No.	S. P.	Morphologi	Morphological Attributes (continued)	(pant	Modifications		
23PO394	1-43	Straight	None	Rhomboidal	None	Beveled left	£
23PO394	14-1	Straight		Biconvex	Edge	None	£
23PO394	1.45	Recurved	Flared upward	Biconvex	None	None	ź
23PO394	94-1	Straigh		Bicogvex	None	None	£
23PO394	14.1	Recurved	Flared outward	Biconvex	None	None	Ž
23P0394	\$	Convex	Flared upward	Plano-convex	None	None	£
23P0394	2	Straight	Horizontal	Эколичек	Nac	None	ż
23P0394	1.50	Concave	Fortzoatal	Bloomvex	None	None	£
23P0394	1.51	Straight	Flared outward	Biconvex	None	None	£
23P0394	1-52	Straight		Plano-convex	None	None	£
2110394	1-53	Straight		Bicogvex	None	None	£
23PO394	1-54	Straight		Bicogvex	None	None	ż
23P0394	1-55	Missing	Missing	Bicogwex	None	None	£
23PO 394	1 -\$6	Struight	None	Piconvex .	None	Nore	£
23PO394	1-57	Missing	None	Biconvex	Kose	None	£
23PO395	1-2	Straight	Nose	Biconvex	Stem/base	None	ž
23PO395	1.3	None		Unknown	None	None	ž
23PO395	7	Missing	Missing	Bloonvex	None	None	Ź
23PO395	1.5	Missing	Missing.	Bloomex	None	None	Ź
23PO395	91	Convex	Note	Biconvex	Strabase	None	ž
23PO395	1.1	Smight	Nose	Imeguiar	N. See	None	ž
23PO395	1.8	Demagrad		Biconvex	None	None	ž
23PO395	6-1	Convex		Biconvex	None	None	£
23PO395	1-10	Pointed	None	Blowever	Siem/base	Bifacial	£
23PO395	11-11	Straight	None	Biconvex	None	None	ž
23PO395	1-13	Straight		Biconvex	Stern	None	ž
23PO395	1-13	Concave		Bloomver	Stem	None	ž
2370395	1-14	Straight	Nose	Biconvex	None	None	ž
23PO395	1-15	Couver		Biconvex	None	None	£
23PO395	91-1	Xone Mone		Bicouvex	Ed.	None	£
23PO395	1-17	Convex		Irregular	None	Unifacial	£
23PO395	1.18	Convex	None	Bicogvex	None	None	ž
23PO396	7	Straight	None	Biconvex	None	None	£
23PO396	1.2	Demaged	None	Biconvex	None	None	ž
23PO396	1-3	Missing	Missing	Biconvex	None	None	ž

APPENDIX B
Stone tools collected by Howard Wimmer

1210/397 11.1 Struight None Biconvez Sembsee None No 23R0397 1.2 Danged Messing Biconvez None None No 23R0397 1.3 Danged Messing Biconvez None None No 23R0397 1.4 Missing Missing Biconvez None No No 23R041 1.2 Corexz None Biconvez None No No 23R041 1.2 Corexz None Biconvez None No	Site No.	Cst. No.		Morphological Attributes (continued)	(pani	Modifications		
1.2 Duraged None Biocavez None None 1.4.3 Missing Missing Biocavez None None 1.1.4 Missing Missing Biocavez None None 1.1.5 Cowezz None Biocavez None None 1.1.5 Cowezz None Biocavez None None 1.1.6 Cowezz None Biocavez None None 1.1.5 Missing Missing Biocavez Stembess None 1.1.6 Cowezz None Biocavez Stembess None 1.1.6 Cowezz None Biocavez None None 1.1.7 Straight Missing Biocavez None None 1.1.7 Straight Missing Biocavez None None 1.1.8 Missing Missing Biocavez None None 1.1.8 Missing Missing Biocavez	23PO397	1-1	Straight	None	Bicogress	Sembase	None	£
1-3 Datasged None Hood None None None 1-1-1 Missing Missing Missing Biconvex None None None 1-1-2 Corex-x None Hood Hool None None None 1-1-3 Missing Missing Biconvex None None None None 1-1-1 NiA N/A N/A N/A None None None 1-1-1 NiAsing Missing Biconvex None None None 1-1-2 Corex-x None Biconvex None None None None 1-1-3 Corex-x None Biconvex None None None 1-1-1 Straight Missing Biconvex None None None 1-1-2 Aissing Missing Biconvex None None None 1-1-3 Missing Missing Biconvex None	23PO397	1.2	Demograd		Biconvex	None	None	£
1-14 Missing Missing Biconvex None None 1-12 Convex None Broonvex None None 1-12 Convex None Broonvex None None 1-13 Convex None Broonvex None None 1-14 Missing Missing Broonvex None None 1-15 Convex None Broonvex None None 1-15 Convex None Broonvex None None 1-14 Rounded None Broonvex None None 1-15 Convex Plant dountward Broonvex None None 1-15 Straight None Broonvex None None 1-15 Convex None Broonvex None None 1-15 Convex None Broonvex None None 1-15 Convex None Broonvex None N	23PO397	1.3	Damaged	None	Bicognet	None	None	Ł
1-1 Missing Missing Biconvex None None 1-2 Cowers None Biconvex None None 1-1 Missing Missing Biconvex None Unificial 1-1 Nix N/A N/A None None None 1-1 Nix None Biconvex None None None 1-1 Rounded None Biconvex None None None 1-1 Straight None Biconvex None None None 1-1 Straight None Biconvex None None None 1-1 Straight None Biconvex None None None 1-2 Convex None Plano-convex None None None 1-1 Straight Missing Biconvex None None None 1-1 Straight None Biconvex None <	23PO397	7	Missing	Missing	Вісовуєк	None	None	ź
1-2 Coevera None Hoovevera None Hoovevera None None None 1-1 Coevera None Irregular Edge Unificial 1-1 NA N/A N/A None None 1-1 NA N/A N/A None None 1-1 Covera None Bronver None None 1-2 Covera None Bronver None None 1-3 Covera Rose Bronver None None 1-4 Straight None Bronver None None 1-5 Covera None Bronver None None 1-1 Straight Missing Bronver None None 1-1 Missing Missing Bronver None None 1-1 Straight Missing Bronver None None 1-2 Missing Missing Bronver	23PO410	1:1	Missing	Missing	Bicogvex	None	None	£
1-1 Convex None Irregular Edge Unificial 1-1 Missing Missing Missing Horor None None None 1-1 NA NA NA NA None None None 1-1 Rounded None Bronwer None None None 1-3 Course Fared outward Bronwer None None 1-3 Straight Missing Bronwer None None 1-3 Missing Missing Bronwer None None 1-3 Missing Missing Bronwer None Unificial 1-3 Missing Missing Bronwer None Unificial 1-4 Missing Missing Bronwer None None 1-5 Missing Missing Bronwer None None 1-1 Straight Missing Bronwer None None 1-2<	23PO410	1-2	Couvex	None	Bicogvex	None	None	ž
1-1 Missing Missing Hone None	2370411	1:1	CORNEX	Notice	Irregular	Edge	Unifacial	ź
1.1 N/A N/A N/A K/A N/A N/A <td>23PO411</td> <td>1:1</td> <th>Missing</th> <th>Missing</th> <td>Bio:nvex</td> <td>None</td> <td>None</td> <td>£</td>	23PO411	1:1	Missing	Missing	Bio:nvex	None	None	£
1.2 Convex None Biconvex None None 1.4 Rounded None Biconvex Stanfages None 1.5 Straight Biconvex None None 1.5 Goncare Flared outward Biconvex None None 1.7 Straight Missing Missing Biconvex None None 1.8 Missing Missing Biconvex None None 1.1. Straight None Biconvex None None 1.2 Convex None Biconvex None Unificial 1.2 Straight None Biconvex None Unificial 1.2 Convex None Biconvex None Unificial 1.3 Missing Missing Biconvex None Unifical 1.4 Straight None Biconvex None None 1.4 Straight None Biconvex	23PO412	1:1	ΚX	K/X	N/A	None	Jaifacial	£
1.3 Convex None Biconvex Stant/hose None 1.4 Rounded None Biconvex Stant/hose None 1.5 Straight Biconvex None None 1.7 Straight Bissing Biconvex None None 1.9 Missing Missing Biconvex None None 1.1. Straight None Biconvex None None 1.1. Straight None Biconvex None Unificial 1.2. Convex None Plano-convex None Unificial 1.2. Straight Missing Biconvex None Unificial 1.2. Convex None Biconvex None Unificial 1.2. Missing Missing Biconvex None None 1.2. Missing Missing Biconvex None None 1.2. Convex None Biconvex None <td>23PO412</td> <td>1.2</td> <th>Convex</th> <th>None</th> <td>Biconvex</td> <td>None</td> <td>None</td> <td>£</td>	23PO412	1.2	Convex	None	Biconvex	None	None	£
1.4 Rounded None None None 1.5 Straight Biconvex Straiphee None None 1.1 Straight Biconvex None None 1.1 Missing Missing Biconvex None None 1.2 Missing Missing Biconvex None None 1.2 Straight Mose Biconvex None None 1.2 Corvex None Plano-convex None Unificial 1.3 Missing Missing Biconvex None None 1.4 Straight Missing Biconvex None None 1.1 Straight Missing Biconvex None None 1.2 Missing Missing Biconvex None None 1.3 Convex None Biconvex None None 1.4 Straight Missing Biconvex None None	2370412	1-3	Couvex	None	Biconvex	Stem/base	None	£
1.5 Straight Biconvex Sembsee None 1.4 Coscave Flared outward Biconvex None None 1.4 Missing Missing Missing Biconvex None None 1.5 Missing Missing Biconvex None None None 1.1. Straight None Biconvex None Unifacial 1.2 Convex None Biconvex None None 1.3 Missing Biconvex None Unifacial 1.4 Straight Missing Biconvex None None 1.1 Straight Missing Biconvex None None 1.2 Convex None Biconvex None None 1.4 Straight Biconvex None None 1.5 Convex None Biconvex None None 1.4 Straight Missing Biconvex None <td< td=""><td>23PO412</td><td>7-</td><th>Rounded</th><th>None</th><td>Bionevex</td><td>None</td><td>None</td><td>£</td></td<>	23PO412	7-	Rounded	None	Bionevex	None	None	£
1.5 Concave Flared outward Bloonvex Nône Nône 1.3 Missing Missing Missing Missing Nône Nône 1.5 Missing Missing Missing Bionwex Nône Nône 1.2 Straight Nône Bionwex Nône Nône Nône 1.2 Convex Nône Bionwex Nône Unifacial 1.2 Gonvex Nône Bionwex Nône Unifacial 1.2 Gonvex Nône Bionwex Nône Unifacial 1.2 Missing Bionwex Bionwex Nône Nône 1.2 Missing Missing Bionwex Nône Nône 1.2 Missing Missing Bionwex Nône Nône 1.3 Convex Nône Bionwex Nône Nône 1.4 Straight Bionwex Nône Nône 1.5 Convex Horizontal	23PO412	ş.;	Straight		Bicognex	Stem/base	None	2
1.7 Straight Bionevex None None 1.9 Missing Missing Bionevex None None 1.0 Missing Missing Bionevex None None 1.1. Straight None Plano-convex None Unifacial 1.2 Convex None Bionevex None Unifacial 1.2. Missing Biconvex None Unifacial 1.4 Convex None Unifacial 1.5 Convex None Unifacial 1.1 Straight Biconvex None Unifacial 1.2 Missing Biconvex None None 1.3 Convex None None None 1.4 Straight Missing Biconvex None None 1.5 Convex None Hone None None 1.5 Convex Hone Biconvex None None	2370412	1-5	Concine	Flared outward	Bloomex	Node	None	£
1-3 Missing Bioswex None None 1-9 Missing Bioswex None None None 1-1 Straight None Bioswex None Unitarial 1-2 Convex None Plano-convex None Unitarial 1-3 Missing Missing Bioswex None None 1-4 Missing Missing Bioswex None None 1-1 Straight Bioswex None None 1-2 Missing Bioswex None None 1-3 Convex None Bioswex None None 1-4 Straight Bioswex None None 1-5 Convex None Bioswex None 1-6 Convex None Bioswex None 1-7 Straight Bioswex None None 1-7 Straight Bioswex None None	2380412	1-1	Straight		Bionevex	None	None	£
1.9 Missing Missing Biocovex None None 1.2 Straight None Plano-convex None Unifacial 1.2 Convex Missing Biconvex None Unifacial 1.3 Missing Missing Biconvex None None 1.4 Convex None Pinno-convex Edge Unifacial 1.4 Straight Biconvex None None 1.2 Missing Biconvex None None 1.4 Straight Biconvex None None 1.5 Convex None Biconvex None 1.6 Concerve Horizonal Biconvex None 1.7 Straight Missing Biconvex None 1.10 Missing Missing Biconvex None 1.1 Rounded None None 1.1 Rounded None None 1.1 Rounded<	23PO412	<u>~</u>	Missing	Missing	Biconvex	Zone Zone	None	£
1 Straight None Biocuvez None None 1 Convex None Plano-convex None Unifacial 1 Missing Missing Biconvex None Unifacial 1 Missing Missing Biconvex Plano-convex Edge Unifacial 1 Convex None Plano-convex Edge Unifacial 1 Straight Biconvex None None 1 Straight Biconvex None None 1 Straight Biconvex None None 1 Convex None Biconvex None 1 Straight Biconvex None None 1 Danaged Missing Biconvex None 1 Rounded None None 1 Rounded None None 1 Rounded None None 1	23PO412	6-1	Missing	Missing	Bionevex	None	None	£
1.2 Corvex None Plano-convex None Unifacial 1.3 Missing Missing Bloonvex None None 1.5 Convex Missing Bloonvex None Unifacial 1.5 Convex None Plano-convex Edge Unifacial 1.1 Straight Bissing Bisonvex None None 1.2 Missing Missing Biconvex None None 1.3 Convex None Biconvex None None 1.4 Straight Biconvex None None 1.7 Straight Biconvex None None 1.7 Danaged Missing Biconvex None 1.1 Rounded None None 1.1 Rounded None None 1.1 Rounded None None 1.1 Rounded None None 1.1 Rounded	23PO415	 	Straight	None	Bicogwex	None	None	£
1-3 Missing Hissing Biocuvex None None 1-5 Convex Rissing Biocuvex None None 1-5 Convex None Plano-convex Edge Unifectal 1-1 Straight Biocuvex None None 1-2 Missing Biconvex None None 1-3 Convex None Biconvex None 1-4 Straight Biconvex None None 1-5 Convex None Biconvex None 1-7 Straight Biconvex None None 1-7 Danaged Missing Biconvex None None 1-10 Missing Missing Biconvex None None 1-1 Rounded None None None 1-10 Missing Biconvex None None 1-1 Straight None None 1-1 Straight<	23PO415	1-2	Convex	None	Plane-convex	Zone	Unifacial	£
1 Missing Missing Bioorwex None None 1-5 Convex None Plano-convex Edge Unifecial 1-1 Straight Biconvex None None 1-2 Missing Missing Biconvex None 1-3 Convex None Biconvex None 1-4 Straight Biconvex None None 1-5 Convex None Biconvex None 1-7 Straight Biconvex None None 1-7 Straight Biconvex None None 1-7 Danaged Missing Biconvex None None 1-10 Missing Missing Biconvex None None 1-1 Straight None None None 1-10 Missing Biconvex None None 1-1 Straight Straight None None	23FO415	1-3	Missing	Missing	Biconvex	None	None	£
1.5 Convex None Plano-convex Edge Unifficial 1.1 Straight Biconvex None Unifficial 1.2 Missing Missing Biconvex None None 1.3 Convex None Biconvex None None 1.4 Straight Biconvex None None 1.5 Convex None Biconvex None 1.7 Straight Integular None None 1.7 Straight Integular None None 1.7 Straight Biconvex None None 1.10 Missing Biconvex None None 1.10 Missing Missing Biconvex None 1.1 Rounded None None 1.1 Rounded None None	23PO415	<u></u>	Missing	Missing	Bloomex	None	None	ž
1-6 Convex None Plano-convex Edge Unifacial 1-1 Straight Biconvex None None 1-2 Missing Missing Biconvex None 1-3 Convex None Biconvex None 1-4 Straight Biconvex None None 1-5 Convex Horizontal Biconvex None 1-7 Straight Irregular None None 1-7 Straight Biconvex None None 1-10 Missing Biconvex None None 1-10 Missing Missing Biconvex None 1-1 Straight None None	23PO415	1.5	Convex		Bionaver	•	Unifectal	£
1-1 Straight Bionevex None None 1-2 Missing Biconvex None None 1-3 Convex None Biconvex None None 1-4 Straight Biconvex None None None 1-5 Convex Iforizontal Biconvex None None 1-7 Straight Irregular None None 1-8 Convex Unknown Stem None 1-10 Missing Biconvex None None 1-1 Rounded None None None 1-1 Straight Biconvex None None 1-1 Rounded None None	23PO415	1.6	Collivex	None	Plano-convex	Edge	Unifacial	ž
1.2 Missing Missing Biconvex None None 1.3 Convex None Biconvex None None 1.4 Straight Biconvex None None 1.5 Convex None None None 1.7 Straight Liregular None None 1.9 Dannaged Missing Biconvex None None 1.10 Missing Missing Riconvex None None 1.1 Rounded None None None 1.2 Straight Biconvex None None	23PO416	1-1	Straight		Biodevex	None	None	£
1-3 Convex None Biconvex Figure None 1-4 Straight Biconvex None None None 1-5 Convex None Biconvex None None 1-7 Straight Liregular None None 1-7 Straight Liregular None None 1-8 Dannaged Missing Biconvex None None 1-10 Missing Missing Biconvex None None 1-1 Rounded None None None 1-2 Straight Biconvex None None	23PO416	1.2	Missing	Missing	Biconvex	None	None	Ź
1-4 Straight Biconvex None None 1-5 Convex None Hoore None 1-6 Concave Horizonal Hoone None 1-7 Straight Litegalar None None 1-8 Convex Unknown Stem None 1-9 Danaged Missing Hiconvex None 1-10 Missing Missing Hiconvex None 1-1 Rounded None None 1-2 Straight Biconvex None	23PO416	1-3	Convex	None	Siconvex	Prone	None	2
1-5 Convex None Biconvex None None 1-6 Concave Horizontal Biconvex None None 1-7 Straight Irregular None None 1-8 Convex Unknown Stem None 1-9 Danaged Missing Biconvex None 1-10 Missing Missing None None 1-1 Rounded None None None 1-2 Straight Biconvex None None	23PO416	7	Straight		Biconvex	None	None	£
1-6 Concave Horizontal Biconvex None None 1-7 Straight I.regular None None 1-8 Convex Unknown Stem None 1-9 Danaged Missing Biconvex None None 1-10 Missing Missing Biconvex None None 1-1 Rounded None Biconvex Working edg None 1-2 Straight Biconvex None None	23F0416	- <u>1</u>	Convex	None	Bloogwex	None	None	<u>.</u> 2
1-7 Straight Litegular None None 1-8 Convex Unknown Stem None 1-9 Danaged Missing Biconvex None None 1-10 Missing Missing Riconvex None None 1-1 Rounded None Biconvex Working edg None 1-2 Straight Biconvex None None	23PO416	91	Concerve	Horizontal	Biconvex	None	None	£
1-5 Convex Unknown Stem None 1-9 Danaged Missing Biconvex None None 1-10 Missing Missing Biconvex None None 1-1 Rounded None Biconvex Working edg None 1-2 Straight Biconvex None None	23PO416	1-1	Straight		Liregular	None	None	ź
1-9 Danaged Missing Bionrex None None 1-10 Missing Missing Ficorex None None 1-1 Rounded Nane Bionrex Working edg None 1-2 Straight Bionrex None None	23PO416	4	Convex		Unknown	Stem	None	£
1-10 Missing Missing Ricogreex None None 1-1 Rounded Nane Bicogreex Working edg Naue 1-2 Straight Bicogreex None None	23PO416	5-1	Danaged	Missing	Biconvex	Nose	None	£
1-1 Rounded None Biconvex Working edg None 1-2 Straight Biconvex None None	23PO416	1-10	Missing	Missing	Biconver	None	None	ź
1-2 Straight Biconvex None None	23PO417	1-1	Rounded	None	Bicoevex	Working edg	Noue	2
	23PO417	1.2	Straight		Bicogvex	None	None	ž

APPENDIX B
Stone tools collected by Howard Wimmer

Site No.	Cit No.	Morphologic	Morphological Attributes (continued)	(pan	Modifications		
23PO417	13	Convex	None	Bicogrea	Blade edge	None	ž
23FO417	7	Convex	None	Bloonvex	None	None	ž
23PO417	1-5	Concave	None	Irregular	None	None	ž
23PO418	1:1	Concave	Straight-sided	Bloomer	Siem/base	None	ž
23PO418	1-7	Missing	Missing	Biconvex	None	None	Z
23PO418	1:3	Missing	Missing	Rhomboidet	None	Right	£
23PO418	1	Straight	Flared outward	Hoonvex	None	None	£
23PO418	1-5	Concave		Bloomvex	Bese	None	ž
23PO418	9-	Demaged	None	Bicorvex	None	None	ž
23PO418	1.1	Missing	Missing	Biconvex	None	None	£
2370419	1-7	Damaged	Flared downward	Bloomex	None	None	£
23PO419	1-3	Straight	None	Biconvex	Siem	None	£
23PO419	7	Missing	Missing	Bloomex	None	None	ž
23PO419	1.5	Convex		Biconvex	None	None	£
23PO419	9-1	Missing	Missing	Biconvex	None	None	£
23PO419	1.7	Missing	Missing	Biconvex	None	None	ž
23PO420	1-2	Missing	Missing	Plano-convex	None	Right & Left	ž
23PO420	1-3	Missing	Missing	Biconvex	None	None	£
23PO420	7.	Straight	None	Bicogwer	None	None	£
2350420	5:1	Straight	None	Plano-convex	Nose	Unifecial	ž
23PO420	91	Š	N/A	K N	None	Unifectal	£
23PO420	1.7	None	None	Biconvex	Nose	None	£
23PO420	•	Demaged	Flared outward	Plano-convex	None	Unifacial	2
23PO420	6-1	Missing	Missing	Bicogvex	None	None	ž
23PO420	1-10	Convex	None	Biconvex	Kee	None	ž
23PO420	11-1	Missing	Missing	Biconvex	None	Nobe	ž
23PO420	1-12	Stra!ght	None	Bloomex	None	None	£
23PO421	1-1	Straight	None	Biconvex	None	None	£
23PO421	1.2	Convex	None	Biconvex	None	None	ž
23PO42I	1-3	Missing	Missing	Biconver	None	None	£
23PO42I	7	Missing	Missing	Irregular	None	None	ž
23PO422	1-1	Straight	None	Plano-convex	None	Unifacial	ž
23PO422	1-3	Convex	Flared outward	Biconvex	Base	None	ž
23PO422	7	Missing	Missing	Biconvex	Edge	Unifacial	£
23PO422	1-5	Missing	Missing	Бісовуєк	None	None	ž

APPENDIX B
Stone tools collected by Howard Wimmer

		Cat. No. Morphological Attended (condition)	(pag	Modifications		1
2	Convex	None	Biconvex	Base	None	£
1-1	Concave	None	Bloogvex	Stem	None	ž
*	Missing	Missing	Bloomex	Sterr	None	ź
6:	Pointed	None	Plano-convex	Stem	None	ź
1-10	Pointed	None	Irregular	None	None	ž
11-11	Convex	None	Irregular	None	None	ž
1-12	Missing	Missing	Biconvex	None	None	£
1-13	Missing	Missing	Bicogreta	None	None	Ł
1-14	Pointed	None	Bloonvex	Nose	None	£
1-15	Straight	None	Bloomvex	Stem	None	£
1-16	Straight	Nose	Bicogress	None	None	£
1-17	Convex	None	Plano-convex	Edge	Unifacial	£
1-18	Convex	None	Bicogvex	None	None	£
1-19	CORVEX	None	Irregular	None	FC.	£
02-1	Straight	Noge S	Biconvex	None	None	ž
17-1	Straight	None	Biconvex	None	Nose	£
1-12	Straight	None	Bicogvex	None	None	£
1-33	Straight	None	Bicouvex	None	None	£
1.2	Concave	Flared downward	Biconvex	None	None	Z
1-25	Straight	Flared outward	Bicouver	None	None	£
97-1	Concave	Asymmetrical	Bicoevex	None	None	£
17-1	Straight		Bicogvex	None	None	£
1-28	Straight	Flared outward	Bicouvez	None	None	£
1-29	Straight	Nose	Hourse	None	None	ž
06-1	Convex		Biconvex	None	None	£
1-31	Straight		Biconvex	None	None	£
1-32	Straight		Biconvex	None	None	£
1-1	Damaged	Missing	Biconvex	Stem	None	£
1-7	Straight	Nose	Plane-convex	None	Unifacial	£
7	Straight	Nose	Plane-couvex	None	Unifacial	£
1-5	Missing	Missing	Bloomer	None	None	£
9-	Missing	Missing	Bicogwest	None	None	£
1-1	Convex	None	Biconvex	None	None	£
\$	Convex	None	Biconvex	None	None	ž
6-1	Convex	None	Plano-convex	None	None	ž

APPENDIX B
Stone tools collected by Howard Wimmer

Site No.	Cet No.	Morphologi	Morphological Attributes (continued)	(pane	Modifications		;
23PO424	1-1	Concave	Flared outward	Biconvex	Stem	None	£
23PO424	1-2	Convex	Nobe	Biconvex	Stem	None	ž
23PO424	<u>:</u>	Convex	None	Biconvex	None	None	ž
2370424	7	Straight		Biconvex	None	None	ź
23PO424	1.5	Missing	Missing	Biconvex	None	None	ž
2370424	9	Missing	Missing	Biconvex	None	None	Ź
3370425	1-1	Damaged	Missing	Hoorvex	None	None	Ź
23FO425	1-2	Demograd	None	Hoonwa	None	None	ź
23PO425	1.3	Straight	None	Irregular	Basal edge	None	£
23PO430	1:1	Straight	Flared outward	Biconvex	Base	None	£
23PO430	1-2	Concave	Incurved	Biconvex	Slem/base	None	Ź
23PO433	-	Convex		Biconvex	None	None	ź
23PO433	1.2	Missing	Missing	Bicogvex	None	None	ž
2370434	:	Missing	Missing	Biconvex	None	None	£
23PO435	1-1	Concave	Pendular	Bloomex	Stem/base	None	Ź
23PO435	1.2	Missing	Missing	BKOORVER	None	None	Ź
23PO435	1-3	Convex	None	Irregular	None	Unifacial	£
23PO435	7	Missing	Missing	Irregular	None	None	£
23PO440	1:1	Concerve	Cropped	Biconvex	Base	None	ž
23PO443	1-2	Pointed	None	Biconvex	Stem/base	None	ž
23PO443	1-3	Straight	None	Irregular	None	None	ž
23PO443	<u> </u>	Convex	None	Bloomex	None	Nose	£
23PO443	1-5	Rounded	None	Irregular	None	Unifacial	£
23PO446	1:1	Convex	None	Biconvex	None	None	£
3PO446	1-2	Concave		Biconvex?	Base	None	£
23PO446	1-3	Convex	None	Biconvex	None	Unifacial	ž
13PO451	1-1	Cogvex	None	Biconvex	None	Unifacial	£
23PO451	1-2	Straight	None	Irregular	None	No Be	ž
23PO451	£.1	Missing	Missing	Biconvex	Nose	None	2